

MONITORING REPORT

PUERTO ZABALO Y LOS MONOS REDD+ PROJECT

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Date of issue (1.0 20/09/2023)

Monitoring Report Template (Version 1.1)	
Name of project	<i>Nuestro Aire de Vida “Kai KOMUYA JAG+Y+” REDD+ Puerto Zábalo y Los Monos</i>
BCR Project ID	<i>BCR-CO-259-14-004</i>
Registration date of the project activity	<i>06/09/2023</i>
Project holder	<i>Resguardo Indígena Puerto Zábalo y Los Monos. Comunidad Coemani, Comunidad Los Estrechos, Comunidad Jerusalem, Comunidad Quinche</i>
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Version number of the Project Document applicable to this monitoring report	<i>Version 6 (18/04/2022)</i>
Applied methodology	<i>ProClima 2021 AFOLU Sector Methodological Document Quantification of GHG Emission Reductions or Removals from REDD+ Projects Version 2.2. 05-February-2021</i>

Monitoring Report Template (Version 1.1)	
Project location (Country, Region, City)	<i>Country: Colombia Department: Caquetá Municipality: Solano</i>
Project starting date	<i>17/01/2018</i>
Quantification period of GHG reductions/removals	<i>17/01/2018 to 16/01/2048</i>
Monitoring period number	<i>3</i>
Monitoring period	<i>01/01/2023 to 30/06/2024</i>
Amount of emission reductions or removals achieved by the project in this monitoring period	<i>Total of GHG reduction or removals in this monitoring period is 2.763.043 tCO₂e</i>
Contribution to Sustainable Development Goals	
Special category, related to co-benefits	<i>The project does not apply to special category</i>

Table of contents

1	General description of project	5
1.1	Sectoral scope and project type	5
1.2	Project start date	5
1.3	Project quantification period	5
1.4	Project location and project boundaries	5
1.5	Summary Description of the Implementation Status of the Project.....	10
2	Title, reference and version of the baseline and monitoring methodology applied to the project	11
3	Registry or participation under other GHG Programs/Registries	11
4	Contribution to Sustainable Development Goals (SGD).....	11
5	Compliance with Applicable Legislation.....	12
6	Climate change adaptation.....	19
7	Carbon ownership and rights.....	20
8	Environmental Aspects	21
9	Socioeconomic Aspects.....	21
10	Stakeholders' Consultation	21
11	REDD+ Safeguards	22
12	Special categories, related to co-benefits.....	27
13	Grouped Projects	27

14	Implementation of the project	27
14.1	Implementation status of the project	27
14.2	Revision of monitoring plan	67
14.3	Request for deviation applied to this monitoring period	67
14.4	Notification or request of approval of changes.....	67
15	Monitoring system	68
15.1	Description of the monitoring plan.....	68
15.2	Data and parameters to quantify the reduction of emissions.....	70
15.2.1	Data and parameters determined at registration and not monitored during the monitoring period, including default values and factors	70
15.2.2	Data and parameters monitored.....	76
16	Quantification of GHG emission reduction / removals	76
16.1	Baseline emissions.....	79
16.2	Project emissions/removals.....	85
16.3	Leakages	86
16.4	Net GHG Emission Reductions / Removals.....	88
16.5	Comparison of actual emission reductions with estimates in the project document...	88
16.6	Remarks on difference from estimated value in the registered project document	89

1 General description of project

The territory of the Puerto Zábalo y Los Monos Indigenous Reserve comprises an area of 624.590 hectares (titled by Resolution INCORA 032 of 1988 and Agreement 026 of 2017 of the National Land Agency), of which 609.025 hectares correspond to stable forest at the start of the project (January 2018). The reserve is located in the municipality of Solano (department of Caquetá), on the north side of the Caquetá River and is made up of the communities of Los Estrechos, Quinché, Jerusalén, and Coemaní.

The objective of the Puerto Zábalo y Los Monos Indigenous Reserve's REDD+ Project is to contribute to the sustainable development of the communities and conserve the existing forests in the reserve's territory. During the monitoring period, actions were carried out to strengthen and improve traditional production systems (chagras), strengthen cultural identity, provide economic support to students, subsidies to the elderly population of the reserve, construction and adaptation of educational centers, training of community leaders, medical care, and adaptation of malocas, among others, as indicated in section 14 Implementation of the project.

1.1 Sectoral scope and project type

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 17/01/2018.

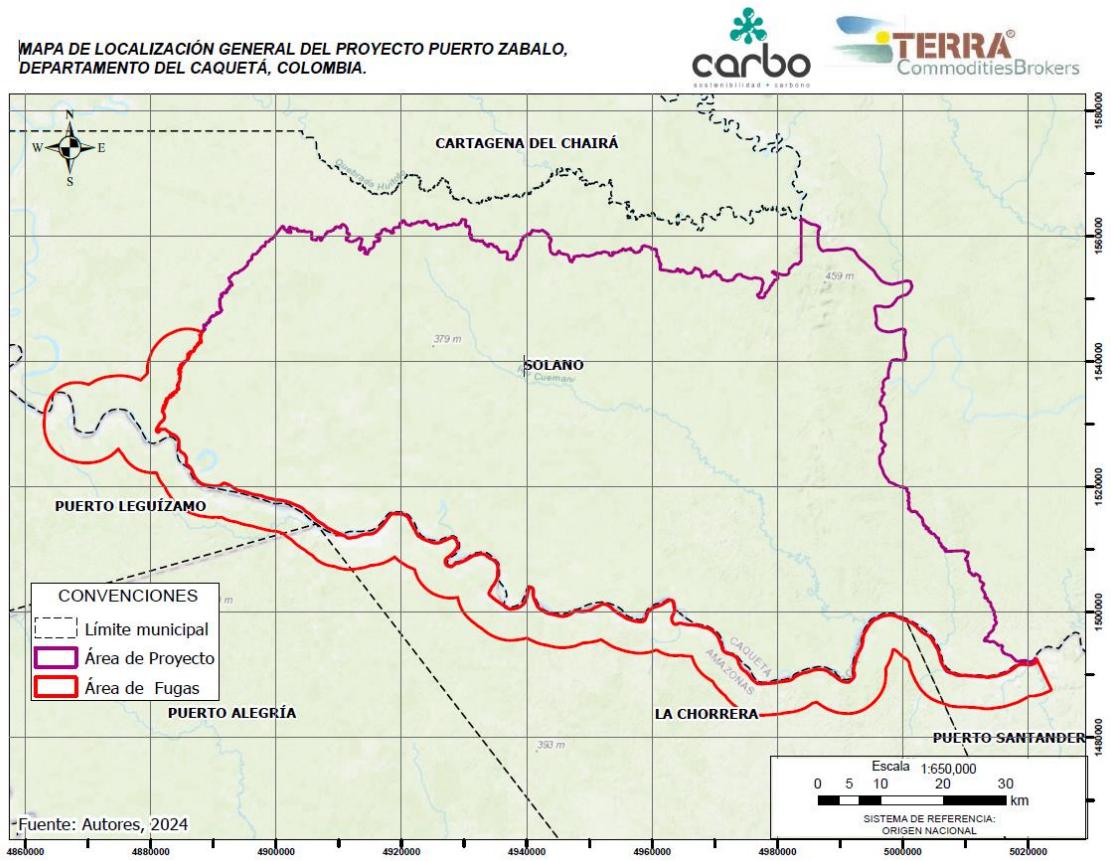
1.3 Project quantification period

The quantification period corresponds to the period between 17/01/2018 and 16/01/2048, for a 30-year period.

1.4 Project location and project boundaries

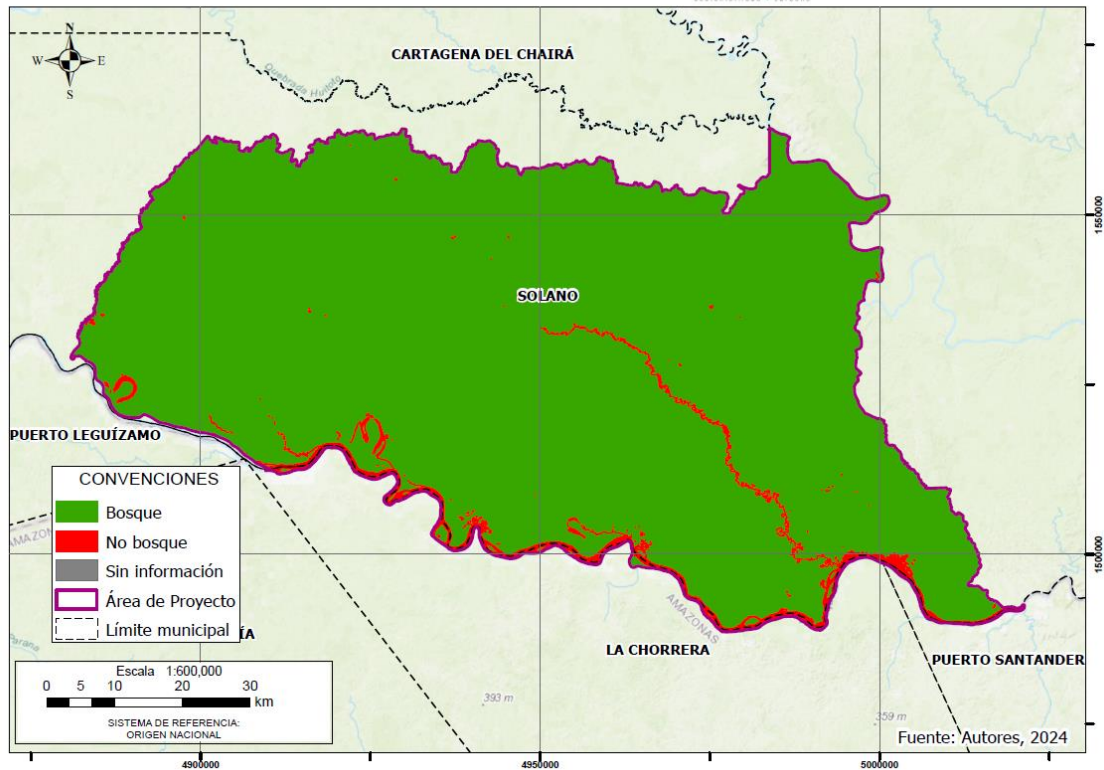
The project is located in the territory of the Puerto Zábalo y Los Monos Indigenous Reserve in the municipality of Solano, department of Caquetá. The reserve is located to the west of the municipality, bordered to the south by the Caquetá River and to the north by the Serranía de Chiribiquete National Natural Park.

The project location is shown below:



Map 1. Project location

MAPA DE BOSQUE NO BOSQUE EN 2018 PARA EL PROYECTO PUERTO ZABALO, DEPARTAMENTO DEL CAQUETÁ, COLOMBIA.



Map 2. Project area location (2018).

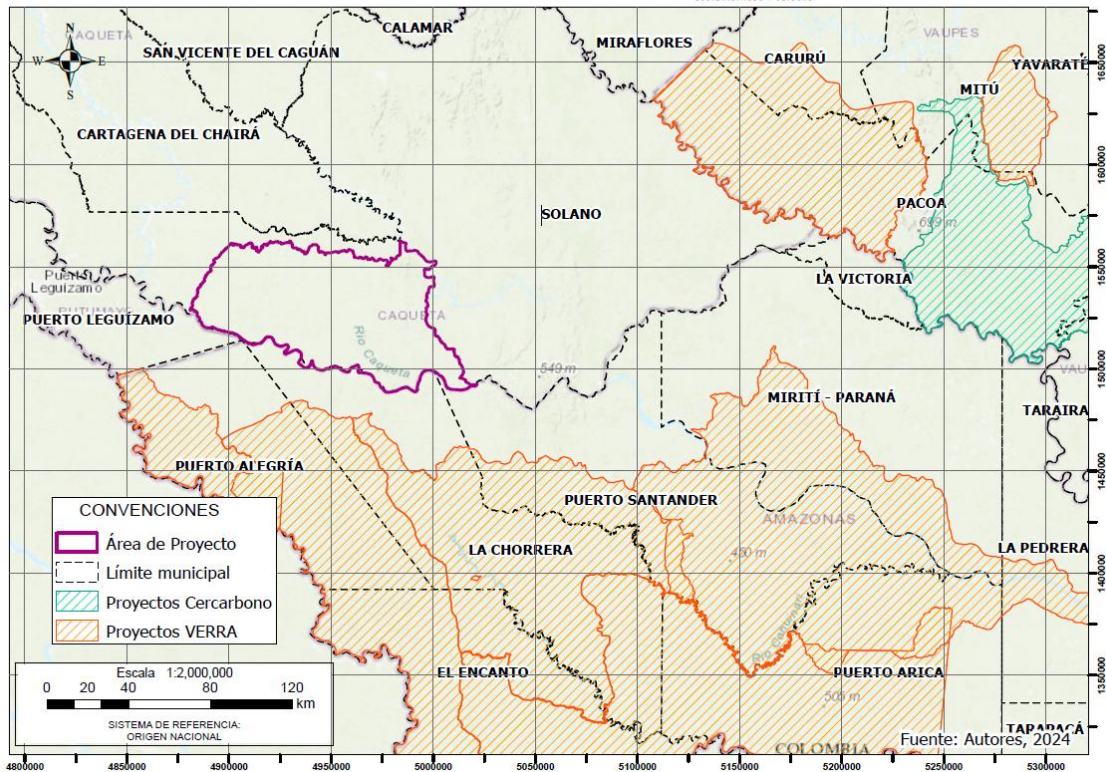
The project coordinates are presented in the table below:

NORTH	1562748,73
SOUTH	1488549,47
EAST	4880906,03
WEST	5021368,59

*MAGNA-SIRGAS Origen-Nacional

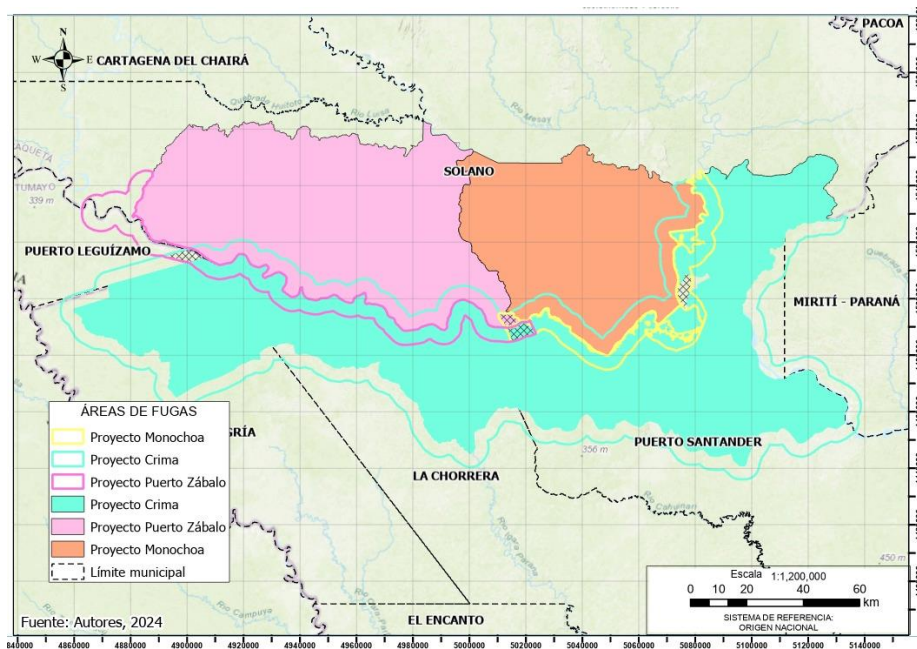
In addition, the geographical information of other mitigation initiatives around the geographical area of the project are presented in the following map:

MAPA DE OTRAS INICIATIVAS PRÓXIMAS AL PROYECTO PUERTO ZABALO, DEPARTAMENTO DEL CAQUETÁ, COLOMBIA.



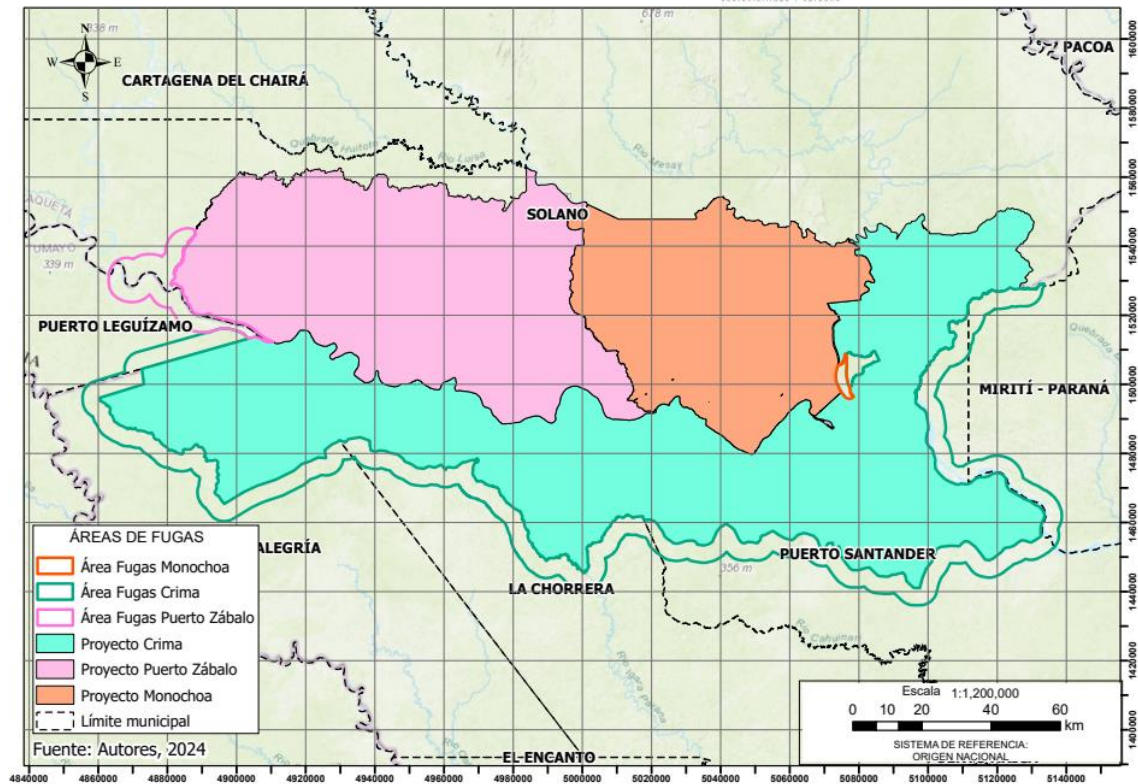
Map 3. Other mitigation initiatives around the geographical area of the project.

There are two projects that are adjacent to this project. During this monitoring period an agreement was defined with the neighboring REDD+ project developers to avoid carbon double counting. It was identified that some sections of the leakage area overlap with the project area or leakage area of the REDD+ CRIMA Predio Putumayo and Andoque de Aduche, and another section of the leakage area overlapped with the leakage area of REDD+ Monochoa. The agreement that was defined consists of the following: 1) the parts of the leakage areas that are overlapping were divided into two equal parts and each project must continue to monitor and report forest cover in their corresponding 50%. 2) The leakage area of Puerto Zábalo and Los Monos project that overlaps with the project area of REDD+ CRIMA Predio Putumayo and Andoque de Aduche will be reported only by the CRIMA project. This ensures that carbon associated with overlapping areas is not reported under each project and leads to double counting.



The result of this adjustment in the monitoring areas led to the following changes: the leakage area of REDD+ Puerto Zábalo and Los Monos was reduced from 110.054 ha in December 2022 to 34.739 ha. In the following map the project boundaries are showed and the leakage area subject to be monitored and reported presents no overlapping with neighboring projects.

MAPA DE LAS NUEVAS ÁREAS DE FUGAS DE LOS PROYECTOS CRIMA, MONOCHOA Y PUERTO ZÁBALO, COLOMBIA.



Map 5. Neighbor REDD+ projects without overlapping according to the monitoring agreement.

1.5 Summary Description of the Implementation Status of the Project

During the second monitoring period (01/01/2023 to 30/06/2024), the following activities framed in implementation strategy were executed:

- Back to the maloca project (strengthening of indigenous traditions)
- Project to strengthen traditional production systems (chagras).
- Training of leaders
- Construction and adequation of malocas
- Renovation and acquisition of means of transportation
- Execution of productive activities (school store and cargo boat).
- Design of own educational model
- Financial support to students
- Adaptation and construction of educational centers
- Medical care
- Design of own intercultural health care model
- Financial support for the elderly

- Financial support for the disabled population
- Design and construction of housing
- Community territorial monitoring
- Restoration of degraded areas

During the monitoring period, a total of 2.763.043 tCO₂e of GHG emissions from deforestation were avoided.

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

The methodology applied to the project corresponds to AFOLU Sector Methodological Document, Quantification of GHG Emission Reductions or Removals from REDD+ Projects, Version 2.2., 05-February-2021 (ProClima, 2021).

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

- Safeguards REDD+, Version 1.1 (26/01/2023)
- Monitoring, Reporting and Verification tool, Version 1.0 (13/02/2023)
- Permanence and Risk Management tool, Version 1.1 (19/03/2024)
- Sustainable Development Safeguards, Version 1.1 (04/07/2024)
- Avoiding double counting, Version 2.0 (07/02/2024)
- Sustainable Development Goals tool (26/06/2023)

The Standard applied to this verification of the project corresponds to ProClima Standard Version 3.0 (13/05/2021).

3 Registry or participation under other GHG Programs/Registries

The project has not been registered under any other GHG Program or Registry.

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 11 of the validated PD. The SDG tool with the contributions report is presented in folder 8. *Herramientas BCR* (see file *ODS_Puerto Zábalo y Los Monos REDD+ tool_3rd verification_V1.xlsx*).

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 with regard to 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. During the monitoring period, a total of 2.765.382 tCO₂e of GHG emissions were reduced from deforestation within 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 Puerto Zábalo y Los Monos 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 to be carried out within the framework of the project is the strengthening of territorial governance, during monitoring period, territorial monitoring activities were executed to prevent deforestation within the project area.

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 and restoration 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 4.684 ha of forest was avoided in the project area during the monitoring period.

Law 1021 of 2006 – General Forestry Law: The Puerto Zábalo y Los Monos 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 to guaranteeing 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 Puerto Zábalo y Los Monos REDD+ project contributes to the achievement 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 promotes the development of economic activities resilient to climate, and that contributed to its mitigation through the reduction of GHG emissions from deforestation (2.763.043 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 to which the project complies. In this case, the project complies with what is defined in the decree considering that it was developed using approved methodologies and it is registered under the BioCarbon Standard that 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 since 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 considering that the methodological construction of the most recent Forest Reference Emission Level (FREL) approved 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.

National Development Plan 2018-2022: Pact for Sustainability: Seeks a balance between productive development and environmental conservation. The Puerto Zábalo y Los Monos 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.

Law 2294 of 2023 – National Development Plan 2022-2026: The National Development Plan is in the preparatory phase regarding the country's indigenous communities, and its regulatory development by the National Government for implementation and operation is pending.

While all the regulations are going through their process, the project is aimed at complying with national and international standards in greenhouse gas (GHG) mitigation, advancing communally towards forest and jungle management, considering that the NDP contemplates the following objectives: i) overcoming historical injustices and exclusions; ii) preventing the repetition of conflict; iii) changing the relationship with the environment; and iv) achieving a productive transformation based on knowledge and in harmony with nature.

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

- Human security and social justice: through the implementation, a process of strengthening traditional territorial management has begun. This project has allowed the improvement of living conditions of families considering the 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 knowledge and achieving adequate transmission of practices to the new generations of communities, which allows social and territorial organizational strengthening.
- Regional convergence: with the implementation of the project, works aimed at improving the facilities of educational centers have begun, as well as a model for medical care for the population, ensuring compliance with treatments, interventions, and visits with specialists to attend to our population.

- Total peace: due to the implementation of the project, it has been evidenced that in the territories, activities derived from illegal economies that have historically been present in the territory began to disappear as a result of state abandonment and lack of opportunities.

Additionally, 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. Cumplimiento legal, file Matriz Interpretación Nacional de Salvaguardas_Puerto Zábalo y Los Monos REDD+_2024.xlsx.

Proposed reference level of Colombia's forest emissions from deforestation for payment for REDD+ results under the 2019 UNFCCC: 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 validated that the percentage increase due to national circumstances for the estimation of the baseline in each of the monitoring 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 Puerto Zábalo y Los Monos 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 the same methodological approach and variables defined to establish the National Forest Reference Emissions Level in Colombia.

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 274 of 2023 – National Development Plan 2022-2026: The project complies with the Article 230 considering that it complies with 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 during its implementation, considering that it is the indigenous communities who are the owners of the initiative. The monitoring of compliance with the safeguards is presented in section 11 and in the folder 7. *Cumplimiento legal.*

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, reserve lands, the archaeological heritage of the nation and other assets determined by law are inalienable, imprescriptible and non-seizable.

The Puerto Zábalo y Los Monos 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.

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 Puerto Zábalo y Los Monos 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. In the same way, it does not violate the right to collective property since it does not modify the form of land tenure. 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.

Decree 1386 of 1994: Establishes that the internal authorities of the indigenous reserve 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 032 of April 19, 1988 (issued by INCORA): This resolution confers the legal character of a sector of the reserved lands to the Witoto indigenous population of Puerto Zábalo and Los Monos, located in the jurisdiction of the municipality of Solano,

department of Caquetá. The project complies with the eighth and ninth articles of the resolution, considering that the administration and management of the lands is in charge of the cabildo of the reserve, respecting its uses and customs, and that it maintains the condition of being a collective, inalienable, imprescriptible and unseizable territory.

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 (28/06/2024), 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:

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 competitiveness, incomes and food security, especially in vulnerable areas (folder 6. Evidencias actividades, subfolder IRAI FUE (chagras)).
 - 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. Evidencias actividades, subfolder IRAI FUE (chagras)).
 - Action line 4: Promoted the maintenance of forest carbon stocks, and the closure of the agricultural frontier (folder Anexo 2. Mapas y 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 3. Mapas y GDB; folder 6. Evidencias actividades, subfolder IRAI FUE (chagras)).

- 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. Evidencias actividades, subdolder Monitoreo comunitario).
- Action line 4: During the monitoring period, the project strengthened the forest governance to prevent deforestation through workshops and surveillance routes (folder 6. Evidencias actividades, subdolder Monitoreo comunitario).

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 4.684 ha was avoided within the project area due to the implementation of the project activities (folder 3. Mapas y 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 Anexo 6. Evidencias monitoreo, subdolder Ejercicio monitoreo comunitario).

d) Began activities to promote restoration processes of degraded lands within the boundaries of the indigenous reserve (folder 6. Evidencias actividades, subfolder Restauración)

f) Strengthened the local capacities of communities to take informed decisions to anticipate negative effects derived from climate change in participatory activities such as workshops (folders 5. Espacios participativos and 6. Evidencias actividades).

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 3. Mapas y GDB; folder 6. Evidencias actividades, subfolder IRAI FUE (chagras)).

7 Carbon ownership and rights

The carbon ownership and rights are linked to the land tenure rights considering that the project is implemented in the territory of the Puerto Zábalo y Los Monos Indigenous Reserve (legally conferred by Resolution 032 of 1988 issued by INCORA and Agreement 026 of 2017 of the National Land Agency).

Considering that the project proponents are the communities that make up the Indigenous Reserve of Puerto Zábalo y Los Monos, Yauto SAS, CARBO Sostenible SAS, Terra Commodities SAS and VISSO SAS, one distribution agreement was signed and ratified by the involved parties (see folder 9. Documentos confidenciales).

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_Puerto Zábalo y Los Monos 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_Puerto Zábalo y Los Monos REDD+_V1.pdf)

10 Stakeholders' Consultation

The project planning and implementing exercise has been based on continuous exchanges of the strategy of the REDD+ project with the communities' proponent of the project. General Assemblies have been held in the Indigenous Reserve with representatives and community members. Similarly, during the implementation of the project, budgetary control is foreseen to ensure that payments 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 (see folder 5. Espacios participativos).

	Date	Topic addressed
General Assembly	04 to 06/02/2023	<ul style="list-style-type: none"> • Status of implementation and execution of resources allocated to each project • Beneficiaries of the projects • Approval of projects (kindergartens, economic support for students, improvements to the Fortunato Really School, economic support for the disabled population, restoration, construction of the Community Center) • Presentation of project activity reports • Presentation of the reports of each member of the REDD+ Committee

	Date	Topic addressed
General Assembly	23 to 26/03/2023	<ul style="list-style-type: none"> • Review and adjustment of projects in progress (participants, additional resources) • Approval of projects (school store, transportation equipment for Fortunato Really School) • Progress of the REDD+ Committee Headquarters project • Socialization of the restoration project • Accountability report
General Assembly	12 to 14/06/2023	<ul style="list-style-type: none"> • Status of progress and implementation of project resources • Evaluation of the performance and modification of the members of the REDD+ Committee • Presentation of the project "Nodo Colegios Colombia" • Socialization of the "Modelo de Salud Propio" proposal
General Assembly	05 to 08/03/2024	<ul style="list-style-type: none"> • Ratification of Free, Prior and Informed Consent • Context of carbon markets and REDD+ in Colombia • Review of the PDD, activities and indicators for monitoring and reporting on implementation • Presentation of the implementation of the projects by the coordinators of the REDD+ committee • Accountability of project resources • Evaluation of the project implementation • Definition of REDD+ committee members • Approval of additional activities and resources for projects under implementation

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), as indicated below.

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 complemented and were consistent with the objectives of national forest programs and relevant international conventions and agreements (refer to section **¡Error! No se encuentra el origen de la referencia. ¡Error! No se encuentra el origen de la referencia.**).

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 and implementation of the project, several General Assemblies, Implementation Assemblies and participatory workshops were held with the attendance of the members and representatives of the communities' proponents of the project in accordance with the mechanisms defined by the indigenous reserve proponent of the project. During the monitoring period, four General Assemblies were held with the participation of community leaders and members, as well as the members of the REDD+ Committee, corresponding to the project management instance (see folder 5. Espacios participativos).

The General Assemblies were developed using appropriate communication and language mechanisms in order to ensure the understanding of the project information by the participants, and visual material was also used to facilitate the appropriation of the project information by all members of the community.

The activities carried out during the monitoring period were prioritized, defined and approved in the General Assembly, which is the highest decision-making body of the Indigenous Reserve. Likewise, the accountability of the project (indicating the amounts invested and in what they were invested), as well as the progress in the implementation of the project activities were presented in these spaces and agreements were made regarding the projects in accordance with the requests made by the members of the indigenous reserve.

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 PQRs in the REDD+ Committee, this mechanism was socialized during the general assemblies for the approval and execution of the project. During the monitoring, during General Assemblies requests were made and solved, as indicated in the minutes.

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"

As verified during the validation of the project, the activities of the project were defined and prioritized by the indigenous communities that proposed the project. This ensured respect for their governance structures, rights, identified needs and the approach defined by their members. During General Assemblies and participatory workshops, social mapping products were developed to identify and locate the communities that would participate in the development and implementation of the project. In this case, the indigenous reserve is made up of four recognized communities (Coemaní, Quinche, Jerusalem and Los Estrechos) located within the boundaries of the Puerto Zábalo y Los Monos Indigenous Reserve, legally constituted by resolutions (see folder 7. Cumplimiento Legal, subfolder Tenencia de la tierra).

Among the activities defined during the workshops, priority was given to the strengthening of governance, cultural identity, traditional agricultural production practices, and the activities of the monitoring group as support for territorial control and recognition activities. These activities are closely related to the protection and recognition of culture, self-government and traditions. Among the evidence provided are the minutes and attendance lists of the General Assemblies and workshops held during the monitoring period, as well as the evidence of all the activities carried out during the monitoring period (see folders 5. Espacios participativos and 6. Evidencias actividades). It is important to emphasize that it has been verified that the actions defined within the framework of the project have been articulated with the community plans of the indigenous reserve, in this case the Environmental Plan of Puerto Zábalo y Los Monos and the Protection Plan of Huitoto Araracuara.

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."

During the pre-feasibility, feasibility, development and implementation phases, the project has involved all representatives, community leaders and members in a participatory process for the formulation and implementation of the project, considering the applicable regulations and the organizational and management structure of the indigenous reserve. The design of the intervention responds to the actions prioritized by the indigenous reserve and was framed in four main components, which are 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 structuring workshops. Similarly, the final approval of the project took place in General Assemblies of the indigenous reserve, which is the highest decision-making body. During the monitoring period, General Assemblies for decision-making were held with the participation of members of all communities of the indigenous reserve, as supported by the available evidence (see Folder 5. Actividades participativas).

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 project activities, the development of productive activities includes the adoption of management measures that maintain and promote biological connectivity and protect the biodiversity present in the project area. It has been agreed that these activities will be carried out in areas where intervention has already taken place, to ensure that the implementation of the project does not lead to land use changes.

It also includes other areas of intervention, such as the preparation/updating of community plans, the preparation and/or updating of the Territorial Planning Plan, training in deforestation control, and the consolidation of the monitoring group, as indicated in the PDD. 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.

In addition, as part of the activities 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. Mapas y GDB). Likewise, the community members started the restoration of degraded areas within the boundaries of the indigenous reserve and carried out territorial monitoring activities, such as monitoring routes and the establishment of biodiversity plots to identify the species present in the project area (see folder 6. Evidencias actividades, subfolders Monitoreo comunitario and Restauración).

The project does not require any licenses, permits or authorizations for its implementation.

11.6 Safeguard 6

"Actions to address the risks of reversals."

The first measure to reduce the risks of reversal is the strengthening of territorial control and management by the indigenous communities. 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, due to the fact that the project belongs to the AFOLU sector, the registry platform will apply a discount of 20% of the total quantified GHG reductions for each verification period (this discount will be applied automatically by the registry platform) to ensure that there are CCVs 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 have been 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.

The leakage management and control activities involve the full and effective participation of the community in the design and implementation of the project. The leakage management and monitoring defined by the project is based on the following elements:

- Monitoring the forest cover present in the leakage area
- Training and implementation of territorial monitoring routes by the members that make up the project's monitoring group
- Involving community members in the productive activities of the project to reduce the need to participate in deforestation processes inside and outside the territory

During the monitoring period deforestation in the leakage area increased compared to baseline scenario, thus, it is assumed that it could be related to project implementation. Considering this, emissions arising from deforestation over the baseline parameters were deducted from the project's emission reductions during the monitoring period (see folders 3. Mapas y GDB and 4. Soportes de cálculo).

12 Special categories, related to co-benefits

The project does not apply to special categories.

13 Grouped Projects

The project does not correspond to a grouped project.

14 Implementation of the project

14.1 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. Also, 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 1.5 year period difference.

Date	Milestone(s) in the project's development and implementation
17/01/2018	Start date
17/01/2018 – 30/06/2021	Beginning of activities implementation First monitoring period

Date	Milestone(s) in the project's development and implementation
2022	Validation and verification
23/04/2022	Validation and verification approval Project registry under certification program
01/07/2021 – 31/12/2022	Investment for the development of REDD+ activities Activities implementation Second monitoring period
2023	Verification
06/09/2023	Verification approval
01/01/2023 – 30/06/2024	Investment for the development of REDD+ activities Activities implementation Second monitoring period
2024	3 rd verification

Within the REDD+ activities, the monitoring of forest cover 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 that were defined to comprehensively address the problem of deforestation and strengthen the community initiative to protect their territory.

The conservation activities that the communities have voluntarily implemented are an integral part of the implementation of the project. These activities are the result of the community's expressed interest in participating in carbon markets, accessing the economic benefits arising from this market, and generating results that demonstrate community commitments.

While the REDD+ strategy has presented significant progress with the implementation of 16 out of 19 activities, three activities remain inactive as of now (A-4, A-12, A-18). This delay does not signify a lack of commitment but rather reflects the community's decision-making process, as outlined in their self-governance structure. The General Assembly, serving as the highest decision-making body, ensures that project activities align with each community priorities and are executed at their discretion.

In addition, some of the indicators defined to report progress in the implementation of activities were not reported during the monitoring period, considering 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 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				
ID Indicator	A-2.1				
Indicator name	# of people involved in the development of production systems who participate in training or training sessions.				
Type	Result				
Goal	All people involved in the development of production systems participate in training or training sessions.				
SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (emission reductions), SDG15 (protection of forest habitat)				
Unit of Measure	Number				
Monitoring methodology	Number of community members who attend the training sessions for the management of the prioritized production systems and the value obtained is reported.				
Frequency of monitoring	Annually				
Responsible for measurement	Yauto Community Representative				
Indicator result in the reporting period	Attendees to training sessions for chagras (IRAI FUE project):				
	Coemaní	Quinche	Los Estrechos	Jerusalen	Total
	32	5	23	7	67
Documents to support information	<p>Photographic record and/or videos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Lists of attendance at training workshops for the management of prioritized production systems:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Meeting Minutes:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf 				
Remarks					

Activity ID	A-2
ID Indicator	A-2.2

Indicator name	# of women involved in the development of production systems who participate in training or training sessions.					
Type	Result					
Goal	All women involved in the development of production systems participate in training or training sessions.					
SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG5 (women's participation), SDG8 (productive projects), SDG13 (emission reduction), SDG15 (protection of forest habitat)					
Unit of Measure	Number					
Monitoring methodology	Number of women who are part of the community who attend the training sessions for the management of the prioritized production systems and the value obtained is reported.					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Community Representative					
Indicator result in the reporting period	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	
	32	5	23	7	67	
Documents to support information	<p>Photographic record and/or videos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Lists of attendance at training workshops for the management of prioritized production systems:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Meeting Minutes:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf 					
Remarks						

Activity ID	A-2
ID Indicator	A-2.3
Indicator name	Identified productive activities
Type	Product
Goal	Sustainable productive activities are identified to invest resources generated by the project
SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (emission reductions), SDG15 (protection of forest habitat)
Unit of Measure	Compliance/non-compliance
Monitoring methodology	For the measurement and reporting of this indicator, compliance or not with the identification of priority productive activities is considered

Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	<u>Familiar productive projects</u> : 98 projects <u>Community productive projects</u> : 3 projects
Documents to support information	<p>Photographic record and/or videos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf Folder 6. Evidencias actividades, subfolder Cooperativa Fortunato Really (Productivo), subfolder Registro audiovisual Folder 6. Evidencias actividades, subfolder Bote de carga (productivo) Folder 6. Evidencias actividades, subfolder Proyectos productivos familiares, subfolder Registro audiovisual <p>Lists of attendance:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Asistencia.pdf, Asamblea General_05-08 marzo 2024_Asistencia.pdf Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Meeting Minutes:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_04-06 febrero 2023_Acta.pdf, Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Acta.pdf, Asamblea General_05-08 marzo 2024_Acta.pdf Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf
Remarks	

Activity ID	A-3
ID Indicator	A-3.1
Indicator name	# of people from the Reservation involved in the project activities
Type	Impact
Goal	Project activities provide full-time jobs for the community
SDGs to be met	SDG1 (employment), SDG2 (employment), SDG8 (employment), SDG13 (emission reduction), SDG15 (protection of forest habitat)
Unit of Measure	Number

Monitoring methodology	For the measurement and reporting of this indicator, the number of people involved in the project activities is taken into account.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	Fortunato Really School Tent: 3 people Transport line: 3 people Chagras: 67 people
Documents to support information	Payment receipts: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf
Remarks	

Activity ID	A-3
ID Indicator	A-3.2
Indicator name	# of women from the Reservation involved in the project activities
Type	Impact
Goal	Project activities provide jobs for women in the community
SDGs to be met	SDG1 (employment), SDG2 (employment), SDG5 (gender equality), SDG8 (employment), SDG13 (emission reduction), SDG15 (protection of forest habitat)
Unit of Measure	Number
Monitoring methodology	For the measurement and reporting of this indicator, the number of women involved in the project's activities is taken into account.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	Fortunato Really School Tent: 2 women Transport line: 1 woman Chagras: 67 women
Documents to support information	Payment receipts: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf Reports: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Bote de carga (productivo), file Gestión administrativa.pdf
Remarks	

Activity ID	A-3
ID Indicator	A-3.3
Indicator name	# of people who improve their income with productive systems
Type	Impact

Goal	The project's activities allow community members to improve their income.
SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	For the measurement and reporting of this indicator, the number of beneficiaries who improve their income with the prioritized production systems are taken into account.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	<u>Chagras</u> : 67 people
Documents to support information	Payment receipts: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf
Remarks	

Activity ID	A-3
ID Indicator	A-3.4
Indicator name	# of women who improve their incomes with production systems
Type	Impact
Goal	The project's activities allow women members of the community to improve their income.
SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG5 (women's participation), SDG8 (productive projects), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	Number of women who receive income with the prioritized production systems.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	<u>Chagras</u> : 67 women
Documents to support information	Payment receipts: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf
Remarks	

Activity ID	A-3
ID Indicator	A-3.5
Indicator name	# of hectares of productive systems that have special management measures to promote biodiversity
Type	Result
Goal	Management measures are implemented in production systems that favor biodiversity.
SDGs to be met	SDG15 (protection of forest habitat by promoting biodiversity)
Unit of Measure	Area (ha)
Monitoring methodology	For the measurement and reporting of this indicator, the productive area that has special management measures to improve biodiversity conditions is identified and estimated, and Geographic Information Systems, satellite images, remote sensing and information taken in situ are used to estimate the area.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	13.21 hectares of traditional productive systems enriched with fruit species
Documents to support information	<p>Visit report:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), 4to Informe de actividades IRAI FUE.pdf <p>Photographic record:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), 4to Informe de actividades IRAI FUE.pdf <p>Satellite verification and measurement with GIS tolos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), 4to Informe de actividades IRAI FUE.pdf
Remarks	

Activity ID	A-3
ID Indicator	A-3.6
Indicator name	# of hectares of productive systems that are improved or established
Type	Result
Goal	Production systems are implemented or existing production systems are improved.
SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Area (ha)
Monitoring methodology	For the measurement and reporting of this indicator, the area that will be allocated to the establishment of productive systems is defined. Subsequently, Geographic Information Systems are used with the help of satellite images, remote sensors and information taken in situ for the estimation of the area.

Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	13.21 hectares of traditional productive systems
Documents to support information	<p>Minutes of meetings with the Community:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), 4to Informe de actividades IRAI FUE.pdf <p>Visitor report:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), 4to Informe de actividades IRAI FUE.pdf <p>Photographic record:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), 4to Informe de actividades IRAI FUE.pdf <p>Satellite verification and measurement with GIS tolos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), 4to Informe de actividades IRAI FUE.pdf
Remarks	

Activity ID	A-4
ID Indicator	A-4.1
Indicator name	# records of controls or maintenance carried out
Type	Result
Goal	The production systems receive the required controls or maintenance.
SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG8 (productive projects)
Unit of Measure	Percentage (%)
Monitoring methodology	The beneficiaries in charge of the activities of sustaining the productive systems keep records of maintenance activities. For the measurement and reporting of this indicator, the number of controls carried out in the production systems is quantified and divided by the number of controls required or planned.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	402 maintenance activities
Documents to support information	<p>Visit report:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras) <p>Photographic record:</p>

	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras) <p>Satellite verification and measurement with GIS tolos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras)
Remarks	Each chagra has four annual maintenance controls.

Activity ID	A-5																													
ID Indicator	A-5.1																													
Indicator name	# of people participating in meetings or workshops on social investment topics																													
Type	Result																													
Goal	The processes of identification and prioritization of social investment are carried out in a participatory manner.																													
SDGs to be met	SDG1 (social investment), SDG3 (investment in health), SDG4 (investment in education), SDG6 (investment in water and sanitation), SDG11 (investment in housing), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)																													
Unit of Measure	Number																													
Monitoring methodology	Participant registration Minutes Rapporteurships																													
Frequency of monitoring	Annually																													
Responsible for measurement	Yauto Community Representative																													
Indicator result in the reporting period	<p><u>Attendees to General Assemblies:</u></p> <table border="1"> <thead> <tr> <th>Date</th> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>23/03/2023</td> <td>27</td> <td>10</td> <td>24</td> <td>7</td> <td>68</td> </tr> <tr> <td>12/06/2023</td> <td>84</td> <td>7</td> <td>28</td> <td>25</td> <td>144</td> </tr> <tr> <td>5/03/2024</td> <td>42</td> <td>5</td> <td>30</td> <td>16</td> <td>93</td> </tr> </tbody> </table>						Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	23/03/2023	27	10	24	7	68	12/06/2023	84	7	28	25	144	5/03/2024	42	5	30	16	93
Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total																									
23/03/2023	27	10	24	7	68																									
12/06/2023	84	7	28	25	144																									
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Documents to support information	<p>Lists of attendance:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Asistencia.pdf, Asamblea General_05-08 marzo 2024_Asistencia.pdf <p>Minutes of the meetings:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_04-06 febrero 2023_Acta.pdf, Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Acta.pdf, Asamblea General_05-08 marzo 2024_Acta.pdf 																													
Remarks																														

Activity ID	A-5																													
ID Indicator	A-5.2																													
Indicator name	# of women participating in meetings or workshops on social investment issues.																													
Type	Result																													
Goal	The processes of identification and prioritization of social investment are carried out with participation of women of the community.																													
SDGs to be met	SDG1 (social investment), SDG3 (investment in health), SDG4 (investment in education), SDG5 (gender equality), SDG6 (investment in water and sanitation), SDG11 (investment in housing), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)																													
Unit of Measure	Number																													
Monitoring methodology	For the measurement and reporting of this indicator, the number of female participants who attend the meetings, workshops or surveys carried out to identify and prioritize social investment to be developed or improved with the project is taken into account.																													
Frequency of monitoring	Annually																													
Responsible for measurement	Yauto Community Representative																													
Indicator result in the reporting period	<u>Attendees to General Assemblies:</u> <table border="1" data-bbox="544 1014 1360 1157"> <thead> <tr> <th>Date</th> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>23/03/2023</td> <td>12</td> <td>5</td> <td>9</td> <td>3</td> <td>29</td> </tr> <tr> <td>12/06/2023</td> <td>42</td> <td>3</td> <td>10</td> <td>9</td> <td>64</td> </tr> <tr> <td>5/03/2024</td> <td>18</td> <td>1</td> <td>18</td> <td>6</td> <td>43</td> </tr> </tbody> </table>						Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	23/03/2023	12	5	9	3	29	12/06/2023	42	3	10	9	64	5/03/2024	18	1	18	6	43
Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total																									
23/03/2023	12	5	9	3	29																									
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Remarks																														

Activity ID	A-6					
ID Indicator	A-6.1					
Indicator name	# of people participating in meetings or workshops on transportation topics					
Type	Result					
Goal	The processes of identification and prioritization of transportation-related investments are carried out in a participatory manner.					

SDGs to be met	SDG1 (social investment), SDG3 (transport for health), SDG8 (transport to produce products), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)					
Unit of Measure	Number					
Monitoring methodology	Participant registration Minutes Rapporteurships					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Community Representative					
Indicator result in the reporting period	<u>Attendees to General Assemblies:</u>					
	Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total
	12/06/2023	84	7	28	25	144
Documents to support information	Lists of attendance:					
	<ul style="list-style-type: none"> Folder 5. Espacios participativos, file Asamblea General_12-14 junio 2023_Asistencia.pdf 					
Documents to support information	Minutes of the meetings:					
	<ul style="list-style-type: none"> Folder 5. Espacios participativos, file Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf 					
Remarks						

Activity ID	A-6
ID Indicator	A-6.2
Indicator name	# of activities/elements that facilitate the mobilization of people
Type	Product
Goal	Improved mobilization of community members
SDGs to be met	SDG1 (social investment), SDG3 (transport for health), SDG4 (investment in traditional medicine education), SDG6 (investment in water and sanitation), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	The execution of project resources and the number of activities or acquisition of elements that favor the mobilization of people are verified.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	1 activity (construction of a bridge in the community of Coemani)
	6 transportation means delivered
Documents to support information	Photographic record:
	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Adecuaciones puente Coemani Folder 6. Evidencias actividades, subfolder Bote ambulancia, subfolder Registro fotográfico

	<ul style="list-style-type: none"> 6. Evidencias actividades, subfolder Bote escolar (Fortunato Really), subfolder Registro fotográfico_Dotación transporte Folder 6. Evidencias actividades, subfolder Lanchas comunitarias, subfolder Registro fotográfico <p>Registration of acquisitions and/or actions carried out within the framework of the project:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Bote ambulancia, files Factura compra_Bote ambulancia.pdf Folder 6. Evidencias actividades, subfolder Bote escolar (Fortunato Really), files Factura compra_Dotación escuela_Transporte.pdf, Factura compra_Dotación escuela_Transporte_02.pdf Folder 6. Evidencias actividades, subfolder Lanchas comunitarias, file Acta entrega_Lanchas_Comunidades.pdf
Remarks	<p>During the monitoring period, 6 boats (araguanas) with their respective engines were delivered, distributed as follows:</p> <ul style="list-style-type: none"> Ambulance boat: 1 boat and 1 engine (for the IR). School boats: 1 boat and 1 motor (for the RI - Fortunato Really School). Community boats: Jerusalem Community: 1 boat and 1 engine El Quinche Community: 1 motorboat and 1 engine Coenamí Community: 1 boat and 1 engine Los Estrechos Community: 1 boat and 1 engine

Activity ID	A-7																								
ID Indicator	A-7.1																								
Indicator name	# of people participating in meetings or workshops on education topics																								
Type	Result																								
Goal	The processes of identification and prioritization of educational investments are carried out in a participatory manner..																								
SDGs to be met	SDG1 (social investment), SDG4 (investment in education), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)																								
Unit of Measure	Number																								
Monitoring methodology	<ul style="list-style-type: none"> Participant registration Minutes Rapporteurships 																								
Frequency of monitoring	Annually																								
Responsible for measurement	Yauto Community Representative																								
Indicator result in the reporting period	<p><u>Attendees to General Assemblies:</u></p> <table border="1"> <thead> <tr> <th>Date</th> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalem</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>23/03/2023</td> <td>27</td> <td>10</td> <td>24</td> <td>7</td> <td>68</td> </tr> <tr> <td>12/06/2023</td> <td>84</td> <td>7</td> <td>28</td> <td>25</td> <td>144</td> </tr> <tr> <td>5/03/2024</td> <td>42</td> <td>5</td> <td>30</td> <td>16</td> <td>93</td> </tr> </tbody> </table>	Date	Coemaní	Quinche	Los Estrechos	Jerusalem	Total	23/03/2023	27	10	24	7	68	12/06/2023	84	7	28	25	144	5/03/2024	42	5	30	16	93
Date	Coemaní	Quinche	Los Estrechos	Jerusalem	Total																				
23/03/2023	27	10	24	7	68																				
12/06/2023	84	7	28	25	144																				
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Documents to support information	<p>Lists of attendance:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Asistencia.pdf, Asamblea General_05-08 marzo 2024_Asistencia.pdf <p>Minutes of the meetings:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_04-06 febrero 2023_Acta.pdf, Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Acta.pdf, Asamblea General_05-08 marzo 2024_Acta.pdf
Remarks	

Activity ID	A-7
ID Indicator	A-7.2
Indicator name	# of improved/built educational facilities.
Type	Product
Goal	Improve or construct educational facilities located in the reservations
SDGs to be met	SDG1 (social investment), SDG4 (investment in education), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	It is verified from the budget execution and the records of construction or improvement activities of educational facilities within the framework of the project.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	1 education facility improved (Fortunato Really School). 3 education facilities built (kindergartens in the communities of Quinche, Los Estrechos and Jerusalem)
Documents to support information	<p>Photographic record:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Adecuaciones Fortunato Really, subfolder Registro fotográfico
Remarks	

Activity ID	A-7
ID Indicator	A-7.3
Indicator name	# of Funded Instructors
Type	Product
Goal	Improve the provision of the educational service
SDGs to be met	SDG1 (social investment), SDG4 (investment in education), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)

Unit of Measure	Number
Monitoring methodology	Instructor Registration
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	2 instructors
Documents to support information	Budget execution: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Educación - financiamiento de instructores, file Pago instructores_Internado Fortunato Really.pdf
Remarks	

Activity ID	A-8														
ID Indicator	A-8.1														
Indicator name	# people with access to formal education programs or better-quality education														
Type	Result														
Goal	The quality of education or access to formal education programmes for community members is improved.														
SDGs to be met	SDG1 (social investment), SDG4 (investment in education), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)														
Unit of Measure	Number														
Monitoring methodology	The execution of project resources and the people who have access to formal education or better-quality education are verified.														
Frequency of monitoring	Annually														
Responsible for measurement	Yauto Community Representative														
Indicator result in the reporting period	<u>Beneficiaries of educational subsidies:</u> <table border="1" data-bbox="542 1415 1265 1514"> <thead> <tr> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>1</td> <td>2</td> <td>1</td> <td>28</td> </tr> </tbody> </table>					Coemaní	Quinche	Los Estrechos	Jerusalen	Total	24	1	2	1	28
Coemaní	Quinche	Los Estrechos	Jerusalen	Total											
24	1	2	1	28											
Documents to support information	Execution of project resources: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Educación - Apoyo estudiantes, subfolder Soportes de apoyos Register of beneficiaries of actions aimed at improving community education: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Educación - Apoyo estudiantes, file Listado estudiantes.xlsx 														
Remarks	During the monitoring period, the development of an education program with a differential ethnic approach was initiated: <ul style="list-style-type: none"> Development of formal education programs: 														

	Folder 6. Evidencias actividades, subfolder Educación - PEC
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Activity ID	A-8														
ID Indicator	A-8.2														
Indicator name	# of women with access to formal education programs or improved quality education														
SDGs to be met	SDG1 (social investment), SDG4 (investment in education), SDG5 (women's participation), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)														
Type	Result														
Goal	The quality of education or access to formal education programmes for women in the communities is improved.														
Unit of Measure	Number														
Monitoring methodology	The execution of project resources and the women who have access to formal education or better-quality education are verified.														
Frequency of monitoring	Annually														
Responsible for measurement	Yauto Community Representative														
Indicator result in the reporting period	<p style="text-align: center;"><u>Women beneficiaries of educational subsidies:</u></p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Coemaní</th> <th style="width: 15%;">Quinche</th> <th style="width: 15%;">Los Estrechos</th> <th style="width: 15%;">Jerusalen</th> <th style="width: 15%;">Total</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">14</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">16</td> </tr> </tbody> </table>					Coemaní	Quinche	Los Estrechos	Jerusalen	Total	14	1	1	0	16
Coemaní	Quinche	Los Estrechos	Jerusalen	Total											
14	1	1	0	16											
Documents to support information	<p>Execution of project resources:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Educación - Apoyo estudiantes, subfolder Soportes de apoyos <p>Register of beneficiaries of actions aimed at improving community education:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Educación - Apoyo estudiantes, file Listado estudiantes.xlsx 														
Remarks															

Activity ID	A-9				
ID Indicator	A-9.1				
Indicator name	# of people who participate in meetings or workshops on health topics				
Type	Result				
Goal	Health investment identification and prioritization processes are carried out in a participatory manner.				
SDGs to be met	SDG1 (social investment), SDG3 (health), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)				
Unit of Measure	Number				
Monitoring methodology	<ul style="list-style-type: none"> Participant registration Minutes Rapporteurships 				
Frequency of monitoring	Annually				

Responsible for measurement	Yauto Community Representative					
Indicator result in the reporting period	<u>Attendees to General Assemblies:</u>					
	Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total
	23/03/2023	27	10	24	7	68
	12/06/2023	84	7	28	25	144
	5/03/2024	42	5	30	16	93
Documents to support information	Lists of attendance:					
	<ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Asistencia.pdf, Asamblea General_05-08 marzo 2024_Asistencia.pdf 					
Documents to support information	Minutes of the meetings:					
	<ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_04-06 febrero 2023_Acta.pdf, Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Acta.pdf, Asamblea General_05-08 marzo 2024_Acta.pdf 					
Remarks						

Activity ID	A-9
ID Indicator	A-9.2
Indicator name	# of people with access to health services
Type	Result
Goal	Access to health services for community members is improved.
SDGs to be met	SDG1 (social investment), SDG3 (health), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	The execution of project resources and the investments made in improvements to health services are verified. The number of people in the community who have access to health services or improvements in this service is quantified.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	18 people
Documents to support information	Record of actions aimed at improving access to health services by the community:
	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Salud, file Informe de atención médica.pdf
	Registry of people who access health services:

	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Salud, file Informe de atención médica.pdf
Remarks	<p>During the monitoring period, the design of the indigenous reservation's own health model began.</p> <ul style="list-style-type: none"> Development of health programs: Folder 6. Evidencias actividades, subfolder Salud, file Informe primera fase modelo de salud propio e intercultural.pdf

Activity ID	A-9
ID Indicator	A-9.4
Indicator name	# of people who are trained in traditional and ancestral medicine
Type	Result
Goal	Knowledge of traditional and ancestral medicine, and Western medicine of community members is strengthened
SDGs to be met	SDG1 (social investment), SDG3 (health), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	The execution of project resources and the investments made in capacity building in traditional and ancestral medicine and Western medicine are verified. The number of people who attend these capacity-building days is quantified
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	16 people
Documents to support information	<p>Evidence of the meetings carried out:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Volver a la Maloca, files Estrechos_Acta Volver a la Maloca (plantas medicinales)_02.pdf, Estrechos_Acta Volver a la Maloca (plantas medicinales)_03.pdf <p>Attendance List:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Volver a la Maloca, files Estrechos_Acta Volver a la Maloca (plantas medicinales)_02.pdf, Estrechos_Acta Volver a la Maloca (plantas medicinales)_03.pdf <p>Photographic record:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Registro fotográfico, subfolder Estrechos Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Narraciones, subfolder Estrechos
Remarks	

Activity ID	A-10
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ID Indicator	A-10.1					
Indicator name	# of people participating in meetings or workshops on housing, water and sanitation issues					
Type	Result					
Goal	Social investment identification and prioritization processes are carried out in a participatory manner.					
SDGs to be met	SDG1 (social investment), SDG3 (health), SDG6 (water), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)					
Unit of Measure	Number					
Monitoring methodology	<ul style="list-style-type: none"> Participant registration Minutes Rapporteurships 					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Community Representative					
Indicator result in the reporting period	<u>Attendees to General Assemblies:</u>					
	Date	Coemani	Quinche	Los Estrechos	Jerusalen	Total
	12/06/2023	84	7	28	25	144
	5/03/2024	42	5	30	16	93
Documents to support information	Lists of attendance:					
	<ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_12-14 junio 2023_Asistencia.pdf, Asamblea General_05-08 marzo 2024_Asistencia.pdf 					
Documents to support information	Minutes of the meetings:					
	<ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_12-14 junio 2023_Acta.pdf, Asamblea General_05-08 marzo 2024_Acta.pdf 					
Remarks						

Activity ID	A-10					
ID Indicator	A-10.5					
Indicator name	# of Upgraded/Built Homes					
Type	Result					
Goal	Homes of community members are improved or built.					
SDGs to be met	SDG1 (social investment), SDG3 (Health for better health), SDG11 (better housing), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)					
Unit of Measure	Number					
Monitoring methodology	The number of homes improved or built is quantified.					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Community Representative					

Indicator result in the reporting period	<u>Number of housing units built:</u>			
	Quinche	Los Estrechos	Jerusalen	Total
	1	24	2	27
Documents to support information	Project resource execution:			
	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Vivienda, subfolder Contratos de viviendas 			
	Photographic record:			
	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Vivienda, subfolder Registro fotográfico y audiovisual 			
	Other documents:			
	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Vivienda, files Listado beneficiaries.pdf, Beneficiarios 46anasta46 por comunidad.xlsx 			
Remarks				

Activity ID	A-11					
ID Indicator	A-11.1					
Indicator name	# of people participating in meetings or workshops on governance and planning topics					
Type	Result					
Goal	The process of building/updating the Safeguards Plan or community plans is carried out in a participatory manner.					
SDGs to be met	SDG1 (social and productive investment), SDG2 (social and productive investment), SDG3 (investment in health), SDG4 (investment in education), SDG5 (women's participation), SDG6 (investment in water and sanitation), SDG8 (better employment and economic growth), SDG11 (investment in housing), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)					
Unit of Measure	Number					
Monitoring methodology	For the measurement and reporting of this indicator, the number of participants in meetings or workshops related to the topics of the Indigenous Life Plan is taken into account.					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Community Representative					
Indicator result in the reporting period	<u>Attendees to General Assemblies:</u>					
	Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total
	23/03/2023	27	10	24	7	68
	12/06/2023	84	7	28	25	144
	5/03/2024	42	5	30	16	93
Documents to support information	Lists of attendance:					

	<ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Asistencia.pdf, Asamblea General_05-08 marzo 2024_Asistencia.pdf <p>Minutes of the meetings:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_04-06 febrero 2023_Acta.pdf, Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Acta.pdf, Asamblea General_05-08 marzo 2024_Acta.pdf
Remarks	

Activity ID	A-11
ID Indicator	A-11.3
Indicator name	# Community Plans in Implementation
Type	Result
Goal	Actions are implemented that contribute to the fulfillment of community development plans.
SDGs to be met	SDG1 (social and productive investment), SDG2 (social and productive investment), SDG3 (investment in health), SDG4 (investment in education), SDG5 (women's participation), SDG6 (investment in water and sanitation), SDG8 (better employment and economic growth), SDG11 (investment in housing), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	For the reporting of this indicator, the number of Community Plans that have implementation actions will be taken into account.
Frequency of monitoring	Annually
Responsible for measurement	Yauto
Indicator result in the reporting period	2 community plans under implementation
Documents to support information	<p>Registers of actions for the execution of community plans:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades <p>Photographic record and/or videos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades <p>Reports:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades
Remarks	During the monitoring period, actions and projects were carried out that contributed to the compliance and implementation of the Huitoto Indigenous People's Safeguard Plan and the Environmental Management Plan for the Puerto Zábalo y Los Monos IR.

	<p>Huitoto People's Safeguard Plan:</p> <ul style="list-style-type: none"> • Implementation of the housing project began. • The Coemani community bridge was constructed. • An ambulance boat was purchased for the indigenous reserve. • Medical care was provided to members of the indigenous reserve and the formulation of their own health model (health project) began. • An economic grant project was developed to facilitate access to higher education for young people from the IR (Education Project). • Equipment was provided to facilitate transportation for the beneficiaries of the educational institution located in the IR, and adjustments were made to improve connectivity. • Activities have been carried out to strengthen cultural identity through the construction and improvement of malocas, the improvement of traditional chagras, the recovery of species and the strengthening and recovery of the elements that make up cultural identity (IRAI FUE and Volver a la Maloca projects). • A subsidy project was developed to guarantee the care of the elderly. • The spaces for community dialogue have been strengthened through the development of general assemblies and socialization. • Boats and motors were purchased to facilitate access to river transportation and to connect the different areas and communities of the RI. <p>Environmental Management Plan:</p> <ul style="list-style-type: none"> • As part of the control and monitoring of the RI (Community Monitoring Project), a reconnaissance was conducted in the area. • The project to restore degraded areas with promising species from the territory began to be implemented. • Biodiversity (fauna and flora) characterization activities were carried out in the IR territory and 4 plots were established in the communities of the Indigenous Reserve (Community Monitoring Project). • Management and marketing of carbon bonds (environmental bonds). • Training was provided in project formulation, management and implementation, resource execution and management of technological tools. • Indigenous leaders of the IR were trained. • Actions were carried out to transfer knowledge from knowledgeable people to young people, especially with regard to traditional practices (IRAI FUE and Volver a la Maloca projects). • Community leaders have been trained to improve the management of the project and its resources.
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	<ul style="list-style-type: none"> • The development of a medical care project for members of the indigenous reserve was managed (Leadership Training Project). • Work began on the construction of an integral health model for the Reserve. • Economic support was provided to the students of the indigenous reserve (Education Project). • Activities were carried out within the framework of the project to strengthen the traditional chagras and the recovery and exchange of traditional seeds (IRAI FUE project). <p>The documents of the community plan can be found in folder 11. Other documents, files Environmental Management Plan RI Puerto Zábalo and Los Monos_2016.pdf and Plan de Salvaguarda Pueblo Uitoto Araracuara_2012.pdf.</p>
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Activity ID	A-13																								
ID Indicator	A-13.1																								
Indicator name	People who participate in trainings, meetings or training sessions related to indigenous culture																								
Type	Result																								
Goal	Strengthen the capacities of community members to maintain, recover and improve the elements of their culture																								
SDGs to be met	SDG 3 – Good health and well-being SDG 11 – Sustainable cities and communities																								
Unit of Measure	Number																								
Monitoring methodology	The number of community members who attend trainings, meetings or training sessions related to indigenous culture is quantified.																								
Frequency of monitoring	Annually																								
Responsible for measurement	Yauto Community Representative																								
Indicator result in the reporting period	<p>Volver a la Maloca project:</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>17</td> <td>36</td> <td>23</td> <td>87</td> </tr> </tbody> </table> <p>IRAI FUE project:</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>32</td> <td>5</td> <td>23</td> <td>7</td> <td>67</td> </tr> </tbody> </table>					Coemaní	Quinche	Los Estrechos	Jerusalen	Total	11	17	36	23	87	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	32	5	23	7	67
Coemaní	Quinche	Los Estrechos	Jerusalen	Total																					
11	17	36	23	87																					
Coemaní	Quinche	Los Estrechos	Jerusalen	Total																					
32	5	23	7	67																					
Documents to support information	<p>Lists of attendance at training workshops related to indigenous culture:</p> <ul style="list-style-type: none"> • Folder 6. Evidencias actividades, subfolder Volver a la Maloca, files Jerusalen_Planilla asistencia_02.pdf, 																								

	<p>Jerusalen_Planilla asistencia_03.pdf, Quinche_Acta Volver a la Maloca (tejido de 50anasta)_02.pdf, Quinche_Acta Volver a la Maloca (tejido de tacho)_03.pdf</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Meeting minutes and photographic record of training sessions related to indigenous culture:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Volver a la Maloca, files Jerusalen_Acta Volver a la Maloca (cantos y bailes)_02.pdf, Jerusalen_Acta Volver a la Maloca (cantos y bailes)_03.pdf, Quinche_Acta Volver a la Maloca (tejido de canasta)_02.pdf, Quinche_Acta Volver a la Maloca (tejido de tacho)_03.pdf Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Photographic record and/or videos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Registro audiovisual Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Registro fotográfico Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Narraciones Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Reports:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Informes consolidados
Remarks	

Activity ID	A-13
ID Indicator	A-13.2
Indicator name	Women who participate in training, meetings or training sessions related to indigenous culture.
Type	Result
Goal	Strengthen the capacities of women in communities to maintain, recover and improve the elements of their culture
SDGs to be met	SDG 3 – Good health and well-being SDG 11 – Sustainable cities and communities
Unit of Measure	Number
Monitoring methodology	The number of women in the community who attend training, meetings or training sessions related to indigenous culture is quantified.
Frequency of monitoring	Annually

Responsible for measurement	Yauto Community Representative																				
Indicator result in the reporting period	<p><u>Volver a la Maloca project:</u></p> <table border="1" data-bbox="542 407 1271 514"> <thead> <tr> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>7</td> <td>0</td> <td>8</td> <td>15</td> </tr> </tbody> </table> <p><u>IRAI FUE project:</u></p> <table border="1" data-bbox="542 621 1265 728"> <thead> <tr> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>32</td> <td>5</td> <td>23</td> <td>7</td> <td>67</td> </tr> </tbody> </table>	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	0	7	0	8	15	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	32	5	23	7	67
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	Reports: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Informes consolidados
Remarks	

Activity ID	A-14
ID Indicator	A-14.1
Indicator name	# of people participating in awareness-raising, meetings or training sessions related to monitoring
Type	Result
Goal	Strengthen the capacities of community members to monitor biodiversity and control deforestation
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	Number of community members attending awareness-raising, meetings or training sessions on biodiversity monitoring and deforestation control.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	17 people
Documents to support information	Attendance lists: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Capacitaciones Meeting minutes: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Capacitaciones Photographic record: <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Registro fotográfico
Remarks	

Activity ID	A-14
ID Indicator	A-14.2
Indicator name	# of women participating in awareness-raising, meetings or training sessions related to monitoring
Type	Result
Goal	Strengthen the capacities of women in communities to monitor biodiversity and control deforestation
SDGs to be met	SDG5 (women's participation), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number

Monitoring methodology	Number of women from the community attending awareness-raising, meetings or training sessions on biodiversity monitoring and deforestation control.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	1 woman
Documents to support information	<p>Attendance lists:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Capacitaciones <p>Meeting minutes:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Capacitaciones <p>Photographic record:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Registro fotográfico
Remarks	

Activity ID	A-14
ID Indicator	A-14.3
Indicator name	Document of constitution or formalization of the Group of Families Protecting the Forest
Type	Product
Goal	Formalize the group of families protecting the forest
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	Number of documents for the constitution and formalization of the Group of Forest Protection Families
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	1 document
Documents to support information	<p>Documents for the formalization and constitution of the Group of Forest Protection Families</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, file Equipo de Monitoreo.pdf
Remarks	

Activity ID	A-14				
ID Indicator	A-14.4				
Indicator name	# of members belonging to the Forest Protective Families Group				
Type	Product				
Goal	Linking community members in the group of forest protection families				
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)				
Unit of Measure	Number				
Monitoring methodology	For the measurement and reporting of this indicator, the list of the members that make up the Group of Families Protecting the Forest is taken				
Frequency of monitoring	Annually				
Responsible for measurement	Yauto Community Representative				
Indicator result in the reporting period	Monitoring team members:				
	Coemaní	Quinche	Los Estrechos	Jerusalen	Total
	7	2	6	3	18
Documents to support information	<p>List of members of the Group of Forest Protective Families:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, file Equipo de Monitoreo.pdf <p>Minutes of the constitution meeting of the Forest Protection Families Group:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, file Equipo de Monitoreo.pdf 				
Remarks					

Activity ID	A-14				
ID Indicator	A-14.5				
Indicator name	Programming of the activities of the Forest Protection Families Group				
Type	Product				
Goal	Implement the programming of the monitoring activities of the group of forest protection families				
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)				
Unit of Measure	Number				
Monitoring methodology	It is verified if there is evidence of the implementation of the programming of the activities of the Group of Forest Protective Families and the number of programs in implementation is reported.				
Frequency of monitoring	Annually				
Responsible for measurement	Yauto Community Representative				
Indicator result	9 activities				

in the reporting period	
Documents to support information	<p>Evidence of the implementation of the activities programmed for the Forest Protective Families Group:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolders Informes, Mapas, Registro fotográfico <p>Programmes of activities of the Group of Families Protecting the Forest:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, file Acuerdo de actividades 001_Establecimiento de parcela.pdf <p>Reports:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Reporte de Monitoreo 2024
Remarks	

Activity ID	A-14
ID Indicator	A-14.6
Indicator name	Tours and/or expeditions carried out
Type	Product
Goal	Conduct tours and/or expeditions to monitor the territory, and control and manage deforestation.
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	The development of tours or expeditions in the area of the indigenous reservation is verified in order to identify and/or monitor the biodiversity and the state of the forest cover present in the territory.
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representative
Indicator result in the reporting period	1 expedition
Documents to support information	<p>Evidence of the development of routes and/or expeditions in the territory:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Capacitaciones, files Segundo recorrido (expedición)_Acta de culminación.pdf, Segundo recorrido (expedición)_Listado de asistencia.pdf Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Informes, file Documento Tecnico Final Segundo Recorrido.pdf

	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Monitoreo comunitario, subfolder Registro fotográfico, subfolder Recorrido comunitario
Remarks	

Activity ID	A-15
ID Indicator	A-15.1
Indicator name	# of hectares of forest standing in project area
Type	Impact
Goal	Monitor the progress of deforestation and its changes in cover
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	607.528 ha in December 2022 607.238 ha in June 2024
Monitoring methodology	Evaluation of forest and non-forest maps according to BIOCARBON methodology
Frequency of monitoring	Annually
Responsible for measurement	<ul style="list-style-type: none"> Carbo-Terra Yauto Delegated responsible on behalf of the reservation
Indicator result in the reporting period	
Documents to support information	<ul style="list-style-type: none"> Deforestation analysis from maps Deforestation and deforestation rate calculations
Remarks	

Activity ID	A-15
ID Indicator	A-15.2
Indicator name	# of tons of CO2 not emitted
Type	Impact
Goal	Reduce carbon emissions
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	2.763.043 (tCO2)
Monitoring methodology	For the measurement and reporting of this indicator, the area of standing forest present in the territory of the indigenous reservation is identified and estimated using Geographic Information Systems and satellite images from remote sensors. The applicable emission factor is then applied
Frequency of monitoring	Annually
Responsible for measurement	Carbo-Terra
Indicator result in the reporting period	

Documents to support information	<ul style="list-style-type: none"> • Use of IDEAM non-forest forest maps (SMBByC) • Using NREF Emission Factors • Calculation Supports
Remarks	

Activity ID	A-15
ID Indicator	A-15.4
Indicator name	# of hectares of forest standing in leakage area
Type	Impact
Goal	Conduct monitoring of forest change in the project leakage area during the project implementation period.
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	34.739 hectares in year December 2022 34.587 hectares in year June 2024
Monitoring methodology	Evaluation of forest and non-forest maps according to PROCLIMA methodology
Frequency of monitoring	Annually
Responsible for measurement	<ul style="list-style-type: none"> • Carbo-Terra • Yauto • Delegated responsible on behalf of the reservation
Indicator result in the reporting period	
Documents to support information	<ul style="list-style-type: none"> • Spatial analysis of deforestation from maps • Deforestation and deforestation rate calculations
Remarks	

Activity ID	A-16
ID Indicator	A-16.1
Indicator name	# of people who participate in awareness-raising, meetings or training sessions on administrative issues
Type	Result
Goal	Strengthen the capacities of community members to manage administrative, legal and financial aspects.
SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (emission reductions), SDG15 (protection of forest habitat)
Unit of Measure	Number
Monitoring methodology	Number of community members attending the training sessions for the management of production systems, including administrative, legal and financial aspects, as well as the strengthening of forest governance management, and the value obtained is reported
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representatives

Indicator result in the reporting period	<p><u>Training session for REDD+ committee members:</u> 9 people</p> <p><u>Community leaders training project:</u></p> <table border="1"> <thead> <tr> <th>Date</th> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>19/01/2023</td> <td>17</td> <td>4</td> <td>10</td> <td>3</td> <td>34</td> </tr> <tr> <td>5/03/2023</td> <td></td> <td></td> <td></td> <td></td> <td>31</td> </tr> <tr> <td>15/04/2023</td> <td></td> <td></td> <td></td> <td></td> <td>29</td> </tr> <tr> <td>1/06/2023</td> <td></td> <td></td> <td></td> <td></td> <td>34</td> </tr> </tbody> </table>	Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	19/01/2023	17	4	10	3	34	5/03/2023					31	15/04/2023					29	1/06/2023					34
	Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total																									
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Documents to support information	<p>Photographic record and/or videos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Capacitación COIREDD+, subfolder Registro fotográfico Folder 6. Evidencias actividades, subfolder Formación de líderes, subfolder Registro fotográfico y audiovisual Folder 6. Evidencias actividades, subfolder Formación de líderes, files 1. Informe formacion de lideres_19-01-2023.pdf, 2. Informe formacion de lideres_05-03-2023.pdf, 3. Informe formacion de lideres_15-04-2023.pdf, 4. Informe formacion de lideres_01-06-2023.pdf <p>Lists of attendance at the workshops for the awareness days:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Formación de líderes, files 1. Informe formacion de lideres_19-01-2023.pdf, 2. Informe formacion de lideres_05-03-2023.pdf, 3. Informe formacion de lideres_15-04-2023.pdf, 4. Informe formacion de lideres_01-06-2023.pdf <p>Meeting minutes and photographic record of the training sessions for the implementation of reforestation actions:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Capacitación COIREDD+, file Acta de capacitación mayo 2024.pdf Folder 6. Evidencias actividades, subfolder Formación de líderes, files 1. Informe formacion de lideres_19-01-2023.pdf, 2. Informe formacion de lideres_05-03-2023.pdf, 3. Informe formacion de lideres_15-04-2023.pdf, 4. Informe formacion de lideres_01-06-2023.pdf 																														
Remarks																															

Activity ID	A-16
ID Indicator	A-16.2
Indicator name	# of women who participate in awareness-raising, meetings or training sessions on administrative issues
Type	Result
Goal	Strengthen the capacities of women members of the communities to manage administrative, legal and financial aspects

SDGs to be met	SDG1 (productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (emission reductions), SDG15 (protection of forest habitat))																														
Unit of Measure	Number																														
Monitoring methodology	Number of women members of the community who attend the training sessions for the management of production systems and business plans, including administrative, legal and financial aspects, as well as the strengthening of forest governance management and the value obtained is reported																														
Frequency of monitoring	Annually																														
Responsible for measurement	Yauto Community Representatives																														
Indicator result in the reporting period	<p><u>Training session for REDD+ committee members:</u> 3 women</p> <p><u>Community leaders training project:</u></p> <table border="1"> <thead> <tr> <th>Date</th> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>19/01/2023</td> <td>8</td> <td>3</td> <td>6</td> <td>1</td> <td>18</td> </tr> <tr> <td>5/03/2023</td> <td></td> <td></td> <td></td> <td></td> <td>13</td> </tr> <tr> <td>15/04/2023</td> <td></td> <td></td> <td></td> <td></td> <td>12</td> </tr> <tr> <td>1/06/2023</td> <td></td> <td></td> <td></td> <td></td> <td>12</td> </tr> </tbody> </table>	Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	19/01/2023	8	3	6	1	18	5/03/2023					13	15/04/2023					12	1/06/2023					12
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15/04/2023					12																										
1/06/2023					12																										
Documents to support information	<p>Photographic record and/or videos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Capacitación COIREDD+, subfolder Registro fotográfico Folder 6. Evidencias actividades, subfolder Formación de líderes, subfolder Registro fotográfico y audiovisual Folder 6. Evidencias actividades, subfolder Formación de líderes, files 1. Informe formacion de lideres_19-01-2023.pdf, 2. Informe formacion de lideres_05-03-2023.pdf, 3. Informe formacion de lideres_15-04-2023.pdf, 4. Informe formacion de lideres_01-06-2023.pdf <p>Lists of attendance at the workshops for the awareness days:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Formación de líderes, files 1. Informe formacion de lideres_19-01-2023.pdf, 2. Informe formacion de lideres_05-03-2023.pdf, 3. Informe formacion de lideres_15-04-2023.pdf, 4. Informe formacion de lideres_01-06-2023.pdf <p>Meeting minutes and photographic record of the training sessions for the implementation of reforestation actions:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Capacitación COIREDD+, file Acta de capacitación mayo 2024.pdf Folder 6. Evidencias actividades, subfolder Formación de líderes, files 1. Informe formacion de lideres_19-01-2023.pdf, 2. Informe formacion de lideres_05-03-2023.pdf, 3. Informe 																														

	formacion de lideres_15-04-2023.pdf, 4. Informe formacion de lideres_01-06-2023.pdf
Remarks	

Activity ID	A-17
ID Indicator	A-17.1
Indicator name	# of people who participate in awareness-raising, meetings or training sessions on restoration issues
Type	Result
Goal	Strengthen the capacities of communities for the development of restoration actions
SDGs to be met	SDG5 (women's participation), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	Number of community members attending awareness-raising, meetings or training sessions on restoration actions
Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representatives
Indicator result in the reporting period	23 people
Documents to support information	<p>Attendance lists:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, file Proyecto de restauración_Asistencia.pdf <p>Meeting minutes and reports:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, file Proyecto de restauración_Acta.pdf <p>Photographic record:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, subfolder Registro fotográfico y audiovisual
Remarks	

Activity ID	A-17
ID Indicator	A-17.2
Indicator name	# of women who participate in awareness-raising, meetings or training sessions on restoration issues
Type	Result
Goal	Strengthen the capacities of women in the communities for the development of restoration actions
SDGs to be met	SDG5 (women's participation), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)
Unit of Measure	Number
Monitoring methodology	Number of women in the community attending awareness-raising, meetings or training sessions on restoration actions

Frequency of monitoring	Annually
Responsible for measurement	Yauto Community Representatives
Indicator result in the reporting period	1 woman
Documents to support information	<p>Attendance lists:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, file Proyecto de restauración_Asistencia.pdf <p>Meeting minutes and reports:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, file Proyecto de restauración_Acta.pdf <p>Photographic record:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, subfolder Registro fotográfico y audiovisual
Remarks	

Activity ID	A-17					
ID Indicator	A-17.3					
Indicator name	# of hectares subject to restoration actions					
Type	Impact					
Goal	Develop restoration actions in intervened areas					
SDGs to be met	SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)					
Unit of Measure	Area (ha)					
Monitoring methodology	Restoration actions by community members					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Delegated responsible on behalf of the reservation					
Indicator result in the reporting period	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	
	12.97	6.88	8.67	5.39	33.91	
Documents to support information	<p>Attendance lists:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, file Proyecto de restauración_Asistencia.pdf <p>Meeting minutes and reports:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, file Proyecto de restauración_Acta.pdf <p>Report of field visits:</p>					

	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, file Proyecto de restauración_Informe técnico.pdf <p>Satellite verification and measurement with GIS tools:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, subfolder Mapas <p>Photographic record:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Restauración, subfolder Registro fotográfico y audiovisual
Remarks	

Activity ID	A-18														
ID Indicator	A-18.2														
Indicator name	# of people with access to communications services														
Type	Result														
Goal	Access to communication services for community members is improved.														
SDGs to be met	SDG1 (social investment), SDG11 (connectivity), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)														
Unit of Measure	Number														
Monitoring methodology	The number of people with access to communication services is recorded														
Frequency of monitoring	Annually														
Responsible for measurement	Yauto Delegated responsible on behalf of the reservation														
Indicator result in the reporting period	<u>Number of families:</u> <table border="1" data-bbox="542 1249 1273 1360"> <thead> <tr> <th>Coemaní</th> <th>Quinche</th> <th>Los Estrechos</th> <th>Jerusalen</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>1</td> <td>3</td> <td>1</td> <td>9</td> </tr> </tbody> </table>					Coemaní	Quinche	Los Estrechos	Jerusalen	Total	4	1	3	1	9
Coemaní	Quinche	Los Estrechos	Jerusalen	Total											
4	1	3	1	9											
Documents to support information	Community Report: Folder 6. Evidencias actividades, subfolder Internet														
Remarks															

Activity ID	A-18				
ID Indicator	A-18.3				
Indicator name	# of Improved/Working Elements/Infrastructure (Antennas and Communications Services)				
Type	Result				
Goal	Infrastructure is improved to provide communication services to community members.				
SDGs to be met	SDG1 (social investment), SDG11 (connectivity), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)				
Unit of Measure	Number				

Monitoring methodology	The elements, installed infrastructure, improved in operation that allows access to communications of community members are counted				
Frequency of monitoring	Annually				
Responsible for measurement	Yauto Delegated responsible on behalf of the reservation				
Indicator result in the reporting period	Number of antennas:				
	Coemaní	Quinche	Los Estrechos	Jerusalen	Total
	4	1	3	1	9
Documents to support information	Community Report: Folder 6. Evidencias actividades, subfolder Internet				
Remarks					

Activity ID	A-19					
ID Indicator	A-19.1					
Indicator name	# of people who participate in awareness-raising, meetings or training sessions on topics of traditions and culture					
Type	Result					
Goal	To improve the capacities of community members to strengthen the councils and the organization in traditional and ancestral capacity					
SDGs to be met	SDG1 (social investment), SDG11 (organization), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)					
Unit of Measure	Number					
Monitoring methodology	Number of people from the community who attend awareness-raising, meetings or training sessions for traditional and ancestral strengthening of the councils and the organization					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Community Representative					
Indicator result in the reporting period	<u>Attendees to General Assemblies:</u>					
	Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total
	23/03/2023	27	10	24	7	68
	12/06/2023	84	7	28	25	144
	5/03/2024	42	5	30	16	93
	Volver a la Maloca project:					
Coemaní	Quinche	Los Estrechos	Jerusalen	Total		
11	17	36	23	87		
<u>IRAI FUE project:</u>						

	Coemani	Quinche	Los Estrechos	Jerusalen	Total	
	32	5	23	7	67	
Documents to support information	<p>Lists of attendance:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Asistencia.pdf, Asamblea General_05-08 marzo 2024_Asistencia.pdf Folder 6. Evidencias actividades, subfolder Volver a la Maloca, files Jerusalen_Planilla asistencia_02.pdf, Jerusalen_Planilla asistencia_03.pdf, Quinche_Acta Volver a la Maloca (tejido de 64anasta)_02.pdf, Quinche_Acta Volver a la Maloca (tejido de tacho)_03.pdf Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Minutes of the meetings:</p> <ul style="list-style-type: none"> Folder 5. Espacios participativos, files Asamblea General_04-06 febrero 2023_Acta.pdf, Asamblea General_23-26 marzo 2023_Acta y asistencia.pdf, Asamblea General_12-14 junio 2023_Acta.pdf, Asamblea General_05-08 marzo 2024_Acta.pdf Folder 6. Evidencias actividades, subfolder Volver a la Maloca, files Jerusalen_Acta Volver a la Maloca (cantos y bailes)_02.pdf, Jerusalen_Acta Volver a la Maloca (cantos y bailes)_03.pdf, Quinche_Acta Volver a la Maloca (tejido de canasta)_02.pdf, Quinche_Acta Volver a la Maloca (tejido de tacho)_03.pdf Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf <p>Photographic record and/or videos:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Registro audiovisual Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Registro fotográfico Folder 6. Evidencias actividades, subfolder Volver a la Maloca, subfolder Narraciones Folder 6. Evidencias actividades, subfolder IRAI FUE (chagras), files 2do Informe de actividades IRAI FUE.pdf, 3er Informe de actividades IRAI FUE.pdf, 4to Informe de actividades IRAI FUE.pdf 					
	Remarks					

Activity ID	A-19
ID Indicator	A-19.2

Indicator name	# of women who participate in awareness-raising, meetings or training sessions on topics of traditions and culture																								
Type	Result																								
Goal	Strengthen the capacities of women in the communities to strengthen the councils and the organization in the traditional and ancestral																								
SDGs to be met	SDG1 (social investment), SDG11 (organization), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)																								
Unit of Measure	Number of people																								
Monitoring methodology	Number of women from the community who attend awareness-raising, meetings or training sessions for traditional and ancestral strengthening of the councils and the organization																								
Frequency of monitoring	Annually																								
Responsible for measurement	Yauto Community Representative																								
Indicator result in the reporting period	<u>Attendees to General Assemblies:</u>																								
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	Date	Coemaní	Quinche	Los Estrechos	Jerusalen	Total																			
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Remarks	

Activity ID	A-19					
ID Indicator	A-19.3					
Indicator name	# of elderly and/or maloqueros supported					
Type	Result					
Goal	To support the grandparents and maloqueros in the traditional and ancestral strengthening					
SDGs to be met	SDG1 (social investment), SDG13 (emission reduction), SDG15 (protection of forest habitat as it discourages deforestation)					
Unit of Measure	Number of grandfathers, grandmothers and maloqueros					
Monitoring methodology	Number of grandparents and maloqueros who are supported in traditional and ancestral strengthening					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Delegated responsible on behalf of the reserve					
Indicator result in the reporting period	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	
	19	2	11	3	35	
Documents to support information	Photographic record:					

	<ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Apoyo adultos mayores, subfolder Registro fotográfico <p>Lists of people supported:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Apoyo adultos mayores, file Apoyo económico adultos mayores.pdf
Remarks	

Activity ID	A-19					
ID Indicator	A-19.5					
Indicator name	Malocas built or adequated					
Type	Product					
Goal	Number of malocas					
SDGs to be met	SDG 3 – Good health and well-being SDG 11 – Sustainable cities and communities					
Unit of Measure	Number					
Monitoring methodology	The number of malocas built or suitable for the community is counted					
Frequency of monitoring	Annually					
Responsible for measurement	Yauto Delegated responsible on behalf of the reservation					
Indicator result in the reporting period	Coemaní	Quinche	Los Estrechos	Jerusalen	Total	
	2	1	3	1	7	
Documents to support information	<p>Photographic records:</p> <ul style="list-style-type: none"> Folder 6. Evidencias actividades, subfolder Adecuación y construcción de Malocas 					
Remarks						

14.2 Revision of monitoring plan

The monitoring plan has not been revised.

14.3 Request for deviation applied to this monitoring period

No project deviations applied to this monitoring period.

14.4 Notification or request of approval of changes

No notification or request of approval of changes from the project were required during the monitoring period.

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 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.	<ul style="list-style-type: none"> - Annex 12, file <i>Procedimiento QC-QA Puerto Zábalo y Los Monos v1.pdf</i> - Annex 9, file <i>Esquema Administración Proyecto REDD+ RI Puerto Zábalo y Los Monos_V1.pdf</i>
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 1.5 years and the previous verification was carried out on 2023).	Annex 4, file <i>Puerto Zábalo_cálculos monitoreo_v1.xlsx</i>
Section 8) Conservative approach and uncertainty management	<p>The project uses national emission factor values and forest data.</p> <p>Uncertainty management is addressed according to BCR rules. The project uncertainty is presented in section 16.4 of this document and the reserve of carbon credits is applied in each verification process.</p> <p>Further details on data and parameter uncertainty management are provided in the Quality Control and Quality Assurance procedure.</p>	<ul style="list-style-type: none"> - Annex 4, file <i>Puerto Zábalo_cálculos monitoreo_v1.xlsx</i> - Annex 12, file <i>Procedimiento QC-QA Puerto Zábalo y Los Monos v1.pdf</i> - Annex 1, section 16.4 file <i>BioCarbon_Monitoring Report_Puerto Zábalo y Los Monos REDD+_V0.1.docx</i>
Section 9) Monitoring Process: a) Methodology applicability conditions b) description of the monitoring system, data collection, procedures.	<p>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.</p> <p>b) The complete monitoring system is presented in section 11 of the PD (including monitoring methodology, frequency, responsible, among others), and includes the</p>	<ul style="list-style-type: none"> - Annex 2, section 2 of the <i>PDD_Pto Zábalo y Los Monos_18042022 v6.pdf</i> - Annex 4, file <i>Puerto Zábalo_cálculos monitoreo_v1.xlsx</i> - Annex 3, document <i>PROCESAMIENTO</i>

Section in BCR MRV Tool	Compliance	Evidence
<p>c) information about data generation, aggregation, recording, calculation and reporting</p> <p>d) organizational structure, roles and responsibilities or personnel, and emergency procedures for the monitoring procedure</p> <p>e) parameters used for baseline, project reductions, leakage and other relevant required by the methodology.</p> <p>f) processes related to models and methods used to sampling and quality control.</p> <p>g) specific information on how data and parameters will be monitored</p>	<p>Quality Control and Quality Assurance procedure, and the Administrative Mechanism for the project.</p> <p>c) Data generation is described in folder Annex 3, document <i>PROCESAMIENTO CARTOGRAFICO Pto.Zabalo_2024.pdf</i>; Calculations, aggregation, recording and reporting follow each equation defined in the REDD+ methodology (see Annex 4, file <i>Puerto Zábalo_cálculos monitoreo_v1.xlsx</i>) and each variable required and applied by the methodology is described in section 15.2 of this document.</p> <p>d) The Quality Control and Quality Assurance procedures and the Administrative Mechanism describe the organizational structure, roles, responsibilities, and procedures for dealing with special situations.</p> <p>e) Each variable required and used to define the baseline, project reductions, leakage and other specific variables are described in section 11 of the PD and section 15.2.1 of the Monitoring report.</p> <p>f) All models and methods considered in the project follow the methodological equations and principles and are described in section 11 of the PD and section 15.2.1 of the Monitoring Report, Annex 3 document <i>PROCESAMIENTO CARTOGRAFICO Pto.Zabalo_2024.pdf</i>, reductions estimations in Annex 4 file <i>Puerto Zábalo_cálculos monitoreo_v1.xlsx</i></p> <p>g) The data monitoring plan is described in Section 11 of the PD and Section 15.2.2 of this document. Each indicator defined to report the project results includes the methodology for measurement.</p>	<p><i>CARTOGRAFICO Pto.Zabalo_2024.pdf</i></p> <p>- Annex 12, file <i>Procedimiento QC-QA Puerto Zábalo y Los Monos v1.pdf</i></p>
<p>Section 10) Monitoring plan</p>	<p>The monitoring plan is presented in section 11 of the PD and has already been validated by a Conformity Assessment Body.</p> <p>The monitoring of the parameters used to quantify the baseline, the project and the</p>	

Section in BCR MRV Tool	Compliance	Evidence
	leakage is presented in sections 15.2.1 and 15.2.2.	

15.2 Data and parameters to quantify the reduction of emissions

The parameters used to calculate baseline, project, and leakage emissions, as well as other relevant parameters required by the approved methodology and the monitoring plan are presented in section 11 of the PD. The following parameters are the basis for all carbon emissions estimations. The systematic application of each equation and the respective summations are presented in Annex 4, file *Puerto Zábalo_cálculos monitoreo_v1.xlsx*).

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	Forest Reference Emissions Level (FREL). 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	1.154.982
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	1.105.550
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	4.943
Justification of choice of data or description of	Mean deforestation in the reference region across the historical reference period.

measurement methods and procedures applied	
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	609.025
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	DAIb
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	2.606,56
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	2018 to 2022: Minambiente e IDEAM, 2019.												
Value applied	<table border="1"> <thead> <tr> <th>YEAR</th> <th>% of increase</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>0,3177</td> </tr> <tr> <td>2019</td> <td>0,3858</td> </tr> <tr> <td>2020</td> <td>0,4459</td> </tr> <tr> <td>2021</td> <td>0,4962</td> </tr> <tr> <td>2022</td> <td>0,5355</td> </tr> </tbody> </table>	YEAR	% of increase	2018	0,3177	2019	0,3858	2020	0,4459	2021	0,4962	2022	0,5355
YEAR	% of increase												
2018	0,3177												
2019	0,3858												
2020	0,4459												
2021	0,4962												
2022	0,5355												
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; 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 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	111.906
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	110.715
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	119,12
Justification of choice of data or description of	Mean deforestation in the leakage area across the historical reference period.

measurement methods and procedures applied	
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	117,7
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 _{20años}
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

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, 2024.												
Value applied	<table border="1"> <thead> <tr> <th>YEAR</th> <th>% of increase</th> </tr> </thead> <tbody> <tr> <td>2023</td> <td>0.259</td> </tr> <tr> <td>2024</td> <td>0.299</td> </tr> <tr> <td>2025</td> <td>0.336</td> </tr> <tr> <td>2026</td> <td>0.37</td> </tr> <tr> <td>2027</td> <td>0.401</td> </tr> </tbody> </table>	YEAR	% of increase	2023	0.259	2024	0.299	2025	0.336	2026	0.37	2027	0.401
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	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	January 2023: 607.528 ha June 2024: 607.238 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

Data / Parameter	Project Forest Cover at the beginning and end of the monitoring period in the project area
	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	January 2023: 34.739 ha June 2024: 34.587 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)

Data / Parameter	Project Forest Cover at the beginning and end of the monitoring period in the leakage area
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**

The uncertainty values of the 2019 FREL are used to complete and report 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 SMyC 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: = 444,8 tCO₂/ha/year

Below ground biomass: 98 tCO₂/ha/year

Soil organic carbon: 14 tCO₂/ha/year

Emission factor uncertainty = Root ((444,8 tCO₂/ha/year * 2.1%) + (98 tCO₂/ha/year * 2%) + (14 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:

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

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:

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

$$CSB_{lb} = \left(\frac{1}{2017 - 2007} \right) \times (1.154.982 - 1.105.550)$$

$$CSB_{año} = 49.432 \text{ ha}$$

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 2018 to 2022 in the project area is based on the lower value of the interval range of increase defined as a reference parameter for the national context and reported in the Reference Level of Forest Emissions - FREL (Minambiente and IDEAM, 2019). The value of the expected increase in the annual change in forest area by 2023 is based on the reconstruction of the national circumstances adjustment model used for the FREL. The values used are describe above and can be consulted in the Annex 4 file *Puerto Zábalo_cálculos monitoreo_v1.xlsx*. The estimated projected deforestation in the scenario without project was made using the following equation:

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

$$CSB_{im} = 2.606 \text{ ha} \times \% \text{ national circumstances increase}$$

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)
- $\% \text{ national circumstances increase}$ = Percentage of increasing expected in year

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

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

$$EA_{lb} = 2.606 \times 557,6 \text{ tCO}_2e \times \% \text{ national circumstances increase}$$

$$EA_{lb} = 1.453.420 \text{ tCO}_2e \times \% \text{ increase}$$

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% (year 2023) and 29,9% (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:

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

$$CSB_{lb,f} = \left(\frac{1}{2017 - 2007} \right) \times (111.907 - 110.715)$$

$$CSB_{f,año} = 117,8 \text{ ha}$$

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 defined an agreement to avoid carbon double accounting with neighbor REDD+ projects of Monochoa and CRIMA Predio Putumayo and Andoque de Aduche, which led to an adjustment in the boundaries of the project leakage area to be reported (see section 1.4), the forest a forest area at the beginning of the monitoring

period corresponded to 34.739 ha, the annual baseline deforestation was calculated, and the result is presented below:

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

$$CSB_{im,f} = 36,9 \text{ ha}$$

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:

$$EA_{f,año} = DA_f \times CT_{eq}$$

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)

Year	DA_f	CT_{eq}	EA_{f,año}
2023	36,98	557,6	20.619,7
June 2024	18,49	557,6	10.309,9

- **Baseline emissions for the monitoring period**

The following table shows baseline emissions in the project area (PA) and leakage area (AF) during the monitoring period. Total emissions include soil organic carbon emissions (C_{soC20años}) according to cumulative deforestation that occurred in previous years (see Annex 4, *Puerto Zábalo_cálculos monitoreo_v1.xlsx*):

<i>Year</i>	AP: Emissions Deforestation Baseline (tCO₂e)	AF: Emissions Deforestation Baseline (tCO₂e)
2023	2.004.064	28.546,9
June 2024	1.603.774	14.524,9

16.2 Project emissions/removals

- **Deforestation and emissions in the Project area**

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

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

$$CSB_{proy,año} = \left(\frac{1}{2024.5 - 2023} \right) \times (607.528 - 607.238)$$

$$CSB_{proy,año} = 193,4 \text{ ha}$$

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:

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

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)

Year	$DEF_{REDD+proy,año}$	tCO_{2e}	$EA_{REDD+proy,año}$
2023	193,4	557,6	107.839
June 2024	96,7	557,6	53.919

The summary of emissions in the project area during the monitoring period corresponds to the following table. Total emissions include soil organic carbon emissions ($C_{soc20años}$) according to cumulative deforestation that occurred in previous years (see Annex 4, *Puerto Zábalo_cálculos monitoreo_v1.xlsx*):

Year	Deforestation emissions (tCO2e)
2023	141.888
June 2024	90.599

16.3 Leakages

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

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

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

$$CSB_{f,año} = \left(\frac{1}{2024,5 - 2023} \right) \times (34.739 - 34.587)$$

$$CSB_{f,año} = 101,6 \text{ ha}$$

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:

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

Where:

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

Year	$DEF_{f,año}$	tCO_{2eq}	$EA_{lb,f,año}$	$EA_{f,año}$
2023	101,6	557,6	20.619,7	56.676
June 2024	50,8	557,6	10.309,9	28.338

The summary of emissions in the leakage area during the monitoring period corresponds to the following table. Total emissions include soil organic carbon emissions ($C_{soc20años}$) according to cumulative deforestation that occurred in previous years (see Annex 4, *Puerto Zábalo_cálculos monitoreo_v1.xlsx*):

Year	Deforestation emissions in leakage area (tCO₂e)
2023	35.146,19
June 2024	22.212,16

16.4 Net GHG Emission Reductions / Removals

Given that emissions in the leakage area during the monitoring period were higher than baseline emissions, the respective discount is generated on the net reductions achieved within the project area.

Year	Baseline emissions / removals (tCO₂e)	Project emissions / removals (tCO₂e)	Leakage emissions (tCO₂e)	Net emission reductions / removals (tCO₂e)	GHG
01-01-2023 – 31-12-2023	2.004.064	141.888	35.146,19	1.827.029	
01-01-2024 – 30-06-2024	1.603.774	90.599	22.212,16	936.014	
Total	3.052.890	232.488	57.358	2.763.043	

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

When comparing the net GHG emission reductions achieved during this monitoring period (*ex post*) and the estimated *ex-ante* reductions, it is observed that the variation ranges between 21% and 22% in the years of implementation. This variation is due to an increased commitment of the community to protect their forests and reduce land use change. The results are close to what was initially expected but went further because the community has increased their efforts to reduce forest change and has continued with the conservation activities. The behavior of deforestation trends has remained low since the beginning of the project, which denotes a slower process of forest loss comparing to historical trends and a greater impact of the project’s strategy to control it.

The results are positive regarding the maintenance of natural forest cover over time, which is an incentive to continue working and strengthening the efforts and activities carried out by local communities to protect their territory.

Year	Baseline emissions (tCO₂e)	% reduction estimated ex-ante	% reduction observed ex-post	Observed variation
01-01-2023 – 31/12/2023	2.004.064	69,9%	91%	21,3%
01-01-2024 – 30/06/2024	1.048.825	67%	89%	22,5%

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

No increases in GHG emission reductions were recorded during the monitoring period due to changes in information or parameters of the project scenario described in the project document. However, the initial estimates of reductions for year 2023 and year 2024 did not include the increased baseline due to national circumstances, as the initial years did, so these parameters were incorporated in this monitoring period according to the last FREL (Minambiente e IDEAM, 2024). It was also detected that deforestation rate was not fixed for the estimation of the baseline in the project area and the leakage area, thus was presenting a progressive decrease over time proportionally with forest cover decreasing, which was also adjusted in the current monitoring period. In these cases, the parameters and the basic information correspond to the same elements recorded in the project design