

Project ABRIGUE

Strengthening territorial capacities to support innovations in agroecology, responsible artisanal fishing and circular bioeconomy for climate change adaptation and mitigation in coastal areas and forest frontiers in Colombia
2021 – 2014

Objectives

General: To contribute to the fulfillment of Colombia's NDC goals for climate change adaptation and mitigation from the AFOLU and artisanal fishing sectors

Specific: To strengthen the transition of the AFOLU and artisanal fisheries sectors towards agroecological food systems and bio-based economies (AEBE), with the potential to increase their competitiveness, productivity, resilience and efficiency.

Resultados esperados

R1. Promotion of regional innovations: Technical and organizational innovations to transition to tested AEBE food systems tested and adopted in the field by end users

R2. Regional Capacities in AEBE: Strengthened capacities of producers and their local organizations to make the transition towards AEBE food systems

R3. Bio-economic value chains: Value chains improved (or established) in terms of their profitability, resilience to climate change and carbon footprint

R4. Policies, Governance and Regulatory Frameworks around AEBE: Strengthened capacities around governance systems to facilitate the adoption of AEBE practices

Sitios piloto



Chocó
Nuquí
Bahía Solano
Juradó



Caquetá
San José del Fragua
Belén
Albania
Paujil
Montañita



Meta
Mesetas
Uribe
Vista Hermosa
Macarena

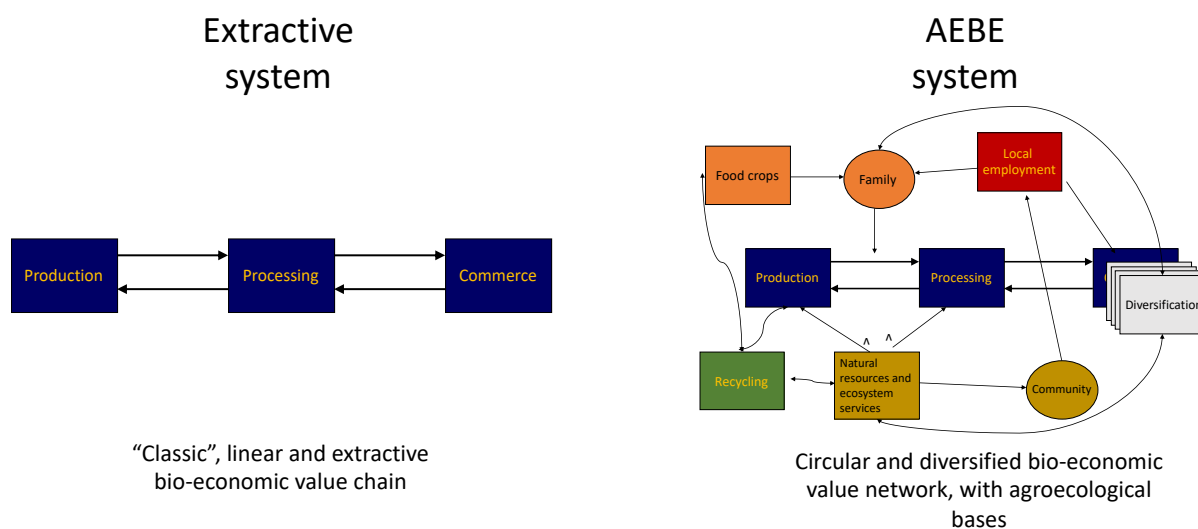


Innovations per site

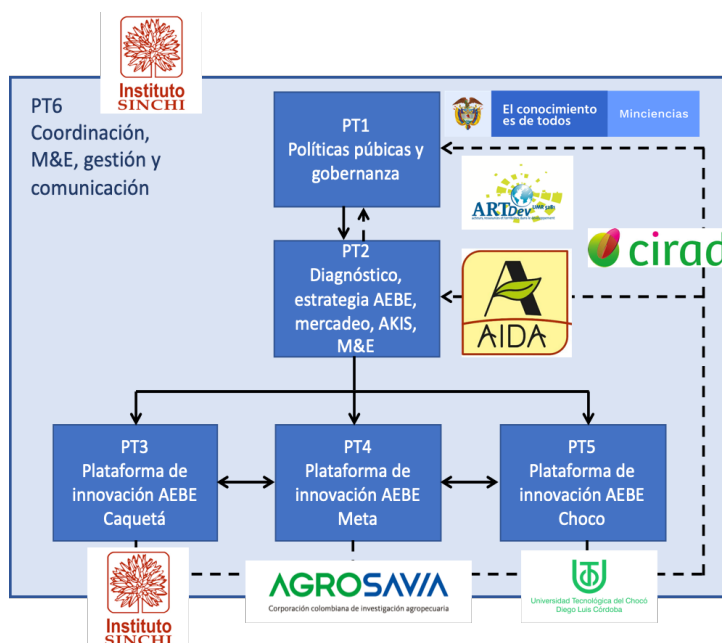
| Region | Systems | CO-design of agroecological systems and bioeconomic value chains |
|--------------------|--|--|
| Amazonia (Caquetá) | Agricultural and livestock systems in forest frontiers, extensive cattle ranching, non-timber forest products, cocoa and other agroforestry products | Design of agroforestry and silvopastoral systems with species adapted to climate change in the region as native species, and annual crops used as service plants to reduce pressure on native resources. Emphasis on value chains with Copoazú and non-timber products. Circular economies and participatory guarantee systems. |
| Orinoquia (Meta) | Predominantly livestock systems in forest frontiers, extensive cattle ranching driving deforestation, non-timber products and other incipient agroforestry | Design of sustainable silvopastoral systems with a low carbon footprint, agricultural integration with species adapted to climate change in the region (e.g. dual-purpose annual crops for fodder, self-consumption and soil restoration). Special value chains with dairy products (cheese, yogurt, etc.) and non-timber forest products. |
| Pacific (Chocó) | Coastal systems, marine artisanal fishing and incipient cash crops (coconut, vanilla, etc.), subsistence family farming | Design and promotion of artisanal fishing models for the production of endemic fish integrated with annual crops as service plants (ie. cereal and legumes as food for fish) and non-timber products. Specialized value chains with endemic fish, coconut, vanilla and non-timber products. Circular economies and participatory guarantee system. |

Our approach

The ABRIGUE project aims to contribute to transforming existing predominantly linear value chains into circular bio-economic systems, with agroecological basis (AEBE) and One Health principles (health of the soil, the ecosystem, animals and people). To achieve this, work will be done to strengthen capacities for technical and organizational innovations in the pilot territories, and in the analysis of political-regulatory frameworks in order to advise on policies conducive to the development and implementation of sustainable and self-managed AEBE systems. Monitoring and evaluation systems will be designed together with the communities, using agroecological indicators to create the bases for the development of participatory guarantee systems for the marketing of products from the bioeconomic chains.



Working packages



Main activities

- Assess the effects of climate variability and climate change on agricultural and forestry systems at the level of each department.
- Carry out a structural analysis of the current value chains with respect to their actors, their profitability, their carbon footprint, their environmental impacts and opportunities for improvement.
- Prepare a participatory diagnosis on the Capacities, Financing, Governance, Regulations and Policy in Science, Technology and Innovation, with respect to AEBE (territorial and national scopes).
- Organize local multi-stakeholder innovation platforms and develop a participatory bioeconomy strategy with agroecological bases for each territory of intervention based on participatory innovation and knowledge management systems.
- Develop and implement strategies to improve agroecological production (quantity + quality + adaptable + low carbon) and integrate elements of adaptation to the effects of CC and reduction of carbon footprints in existing production, processing and marketing systems.
- Train local actors (producers, processors) and their organizations in the principles and techniques of agroecological production and sustainable artisanal fishing, and in green marketing systems for bio-economic/agroecological products.
- Propose, develop and field test new value chains based on agroecological products with commercial potential and establish participatory guarantee systems for the certification of AEBE products/services.
- Design a participatory monitoring and evaluation system of the AEBE strategies implemented in each territory and establish an agroecological knowledge and innovation system (AKIS).

Contact

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