

Colombia **Country of Beauty**

Agencia de Renovació







26.1% Moderate/severe national food insecurity and 29.7% for Nariño (FIES/DANE, 2023)



33% national monetary poverty, 36.1% in Nariño (DANE, 2023).



445.858 Victims of the armed conflict in Nariño, 27.3% of the total population

(Indepaz, 2024).





Nariño is the enclave with the largest surface of coca cultivation in Colombia with 59.746 hectares (UNODC, 2023).



Colombia is the 4th largest economy in Latin America and the Caribbean with a population of 52 million people.

7.2% are Afro-Colombian and 4.7% are indigenous.

Strategic geopolitical location: With coasts on the Pacific and Atlantic Oceans. With easy access to the countries of the Americas, Asia Pacific and Europe.

2nd country in the world in biodiversity. The Pacific coast is part of the Biogeographic Choco

Pacífic Region



13.2% of GDP

Population: 8,440,852



Fishing activity potential is estimated at 450,000 tons per vear.



The Pacific Region has an extension of 83,170 Km2 (7% of the national territory). Its coastline is 1,300 km long, stretching from the border with Panama to the border with Ecuador.

Nariño Pacific Coast: it has a length of 1,300 km and is made up of seven (7) municipalities, with a population of 366.150 inhabitants.



BUILDING PEACE ON SOCIAL AND ENVIRONMENTAL JUSTICE: A CHALLENGE FOR THE COUNTRY







The Peace Agreement with the FARC EP, November 24, 2016.

Point 1. Integral Rural Reform:

- Access to Land
- Development Program with Territorial Focus (PDET) for territories excluded and mostly affected by violence and illegalized economies, including the seven municipalities of the Pacific Coast of Nariño.
- Closing socio-economic gaps between the rural-urban sectors.

Government Priorities



Total and comprehensive peace: Fulfillment of the peace
agreement with the FARC, new
negotiation processes with illegal
actors, transformation of
territories affected by violence
and illicit economies.



Colombia is an agri-food powerhouse



Fair, safe, reliable and efficient energy transition.



Land use planning around water and environmental justice



Climate action, carbon neutrality and bioeconomies



Human security and social justice for the benefit of excluded territories and populations.

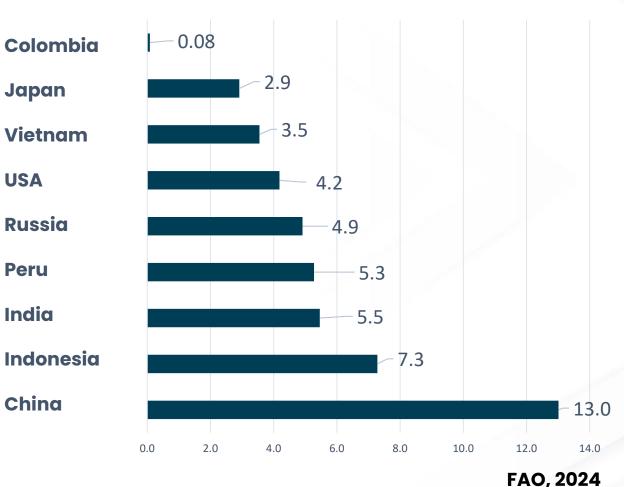
FISHING AS AN ENGINE FOR PEACE-BUILDING IN THE PACIFIC REGION OF COLOMBIA







World fishery production in 2022 91 million tons





"Fishing is one of the areas in the Colombian Pacific that can help us to replace an illegal economy with a legal economy.

President Gustavo Petro Tumaco, 10 de octubre de 2023







Enabling Environment



- **Z.E.E. Special Economic Export Zone** (Law 617 of 2001 and Decree 045 of 2003).
- ZOMAC. Tax relief for territories affected by the armed conflict (decree 1650 of 2017).
- **Z.R.A.E. Special Customs Regime Zone** (Decree 1165 of 2019).

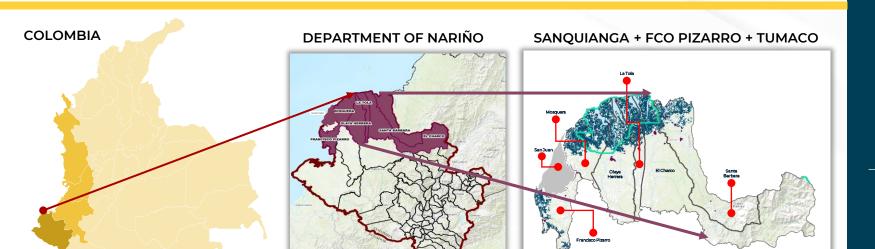
- Border Zone. Special Border
 Development Unit (Law 191 of 1995).
- Z.I.F. Border Integration Zone.
- Municipal Tax Compensation

Strengthening artisanal fishing and Piangüa value chainns in the Nariño Pacific: Territorial and population focus









7 Municipalities PDET nariñense Pacífico

Sanquianga Subregion+
Francisco Pizarro + San Juan de Tumaco

Rural population: 53.491

inhabitants 5.349 Fishers 3.484 Piangüeras



Productive diagnostics

35

Districts engaged in deep-sea fishing of **99** fishing districts

2.865

Fishers engaged in deep-sea fishing

34

Deep-sea **fishing boats** in the area



4 - 5 average daily hours of energy in the Districts

Limited and deficient energy

687,084 Kg CO²/month

High carbon footprint

Only 6 ice producers in the

region

Fishers can take up to 1.5 hours per trip to procure ice.

Diagnosis of social conditions

Multidimensional poverty index 73,4%

Source: (DANE, 2024)

Food insecurity moderate or severe

32,7%



Rural electric coverage

25.3%



Rural water supply coverage.

2.6%



Rural sewer coverage.

0.4%



Rural internet coverage.

0.3%



Source: (FIES, 2024)

ARTISANAL FISHING AND PIANGUA VALUE CHAINS







Investment components



Efficiency in fishery production

- State-of-the-art vessels, fishing gear and technology for navigation and capture.
- Occupational safety equipment



Cold chain and connectivity infrastructure

- Cooperative storage of refrigerated products
- Cold chain: ice production and storage
- 3 Satellite connectivity



Energy efficiencyand watertreatment

- Solar energy autonomy systems and power plants...
- Water treatment plants for ice production and human consumption.



Ecological mangrove restoration

Restoration of mangrove ecosystem



Model of
SocioEntrepreneurial
Cooperative
Management

Administration hubs

- Capacitybuilding
- Economy of care

P	hase	5

USD \$3.6 million

Phase 2 USD \$5.2 million

TOTAL USD \$8.8 million

USD \$2.1 million

USD \$2.1 million

USD \$4.2 million

USD \$3.0 million

> USD \$6.3 Millons

> USD \$9.3 million

USD \$0.2 million

USD \$0.9 million

USD \$1.1 million

USD \$1.1 million

USD \$5.0 million

USD \$6.1 million

TOTAL USD \$10 million (Colombian Govt.)

> TOTAL USD \$19.5 million

TOTAL USD \$29.5 million

Indicators. Average IRR 18.8%

NPV USD 33.5 million

Beneficiaries and notable indicators

USD

fishing







COMPONENTS	DIRECT BENEFICIARIES	INDIRECT BENEFICIARIES	INTEREST INDICATORS			
Efficiency in fishery production	3,456	13,824	Impacts 50% 75% Fishermen Piangüeras	Fishing 259 tons/month 4 Total estimated yield for the	Piangua ,953,600 units/month e enIRRe fleet delivered	
Cold chain and connectivity infrastructure	1,618 Fishers with cold chain 1,800 People with internet access	6,472	90% Demand for ice in the area satisfied (29.9 tons)	50% Fuel savings per vesse per month in ice procurement	50% el CO2/month reduction in carbon footprint	
Energy efficiency and water treatment	20,800	15,090	52,000 Ltrs Daily water output for ice and the same amount for human consumption 50% Emission reductions for hybrid system vs. diesel-powered system			
Ecological mangrove restoration	2,232	8,928	9.4% Increase in the amount of CO2 conpared to the current state mangrove ecosystem.			
Model of Socio-Entrepreneurial Cooperative Management	3,456	13,824	7 Cooperative units form and strengthened (one per municipality)	o4 Direc	84 Direct jobs created for cooperative administration	
Net Income x Fisl	herman x Current Mo	onth	Net Income	c Fisherman x Mor	nth expected	
Current \$123	620% 2. Tradition deep-	al \$692 28%	3. Improved d	leep- IISD \$	225	

sea fishing

USD

sea fishing







Phase III: Additional Investment for the Transformation, Commercialization and Modernization of the Tumaco Fishing Port

The reactivation of the Tumaco fishing port, as a strategy for:

- Regional Integration
- Boosting local economic development by creating jobs in the value chain.
- Access to better markets for the commercialization of fishery resources.
- Fishing and productive training center: Regional Fishing School.











Phase III Project: Transformation and Commercialization in Connection with Tumaco Fishing Port

GOALS

- Modernize the region's fishing infrastructure.
- Increase productivity and sustainability of fishing activities.
- Facilitate the commercialization and export of fishery products.
- Create direct and indirect employment and improve the quality of life of local communities.
- Promote the active participation of local fishermen in decision-making and project benefits.

BUSINESS MODEL

- Mixed economy company
- 70% participation of the private sector (35% for local fishermen and 35% for private companies).
- 30% state participation.

Note: Investment estimate pending

INVESTMENT SUMMARY







USD \$29.5 M Total **USD \$10 M**Government investment

USD \$19.5 M Investment gap **18.8%** Average IRR

USD \$44.16 M NPV **33,362**Direct
Beneficiaries

56,890 Indirect Beneficiaries 5,958,897 Tons CO2 Eq per year Valued at USD \$7.5 million from year six Sequestered by 2034



Fishery Efficiency

Cost:USD \$8.8 million

• IRR: 20.57 %

NPV: USD \$ 11.5 million

- Direct beneficiaries:
 3.456 fishers y piangüeras
 with their own vessels and
 improved incomes
- Indirect Beneficiaries:
 12.576 people (families of 4 people)



2 Infrastructure and Connectivity

Cost:USD \$4.2 million

- IRR Components 2 + 3:: 15.92%
- NPV: USD \$ 8.8 million
- Direct beneficiaries:
 3.418 fishers and piangüeras with hatcheries.
 1.650 people with internet access.
- Indirect Beneficiaries:6.472 people



3 Energy and Water

- Cost:USD \$9.3 million
- IRR Components 2 + 3: 15.92%
- NPV: USD \$ 8.8 million
- Direct beneficiaries:
 20.800 people with drinking water for consumption

15.090 people with access to personal sanitation systems



4 Mangrove restoration

Cost:USD \$ 1.1 million

- IRR: 21.62 %
- NPV: USD \$ 15.06 million

- Direct beneficiaries: **2.232 piangüeras** with restored mangroves.
- Indirect Beneficiaries:8.928 people

5 Cooperative management

- Cost:USD \$6.1 million
- IRR:Not applicable
- NPV:Not applicable
- Direct beneficiaries:3.456 fishers and piangüeras
- Indirect Beneficiaries:13.824 people