



## ADAPTATION FUND

AFB/PPRC.32/Inf.15  
18 September 2023

---

Adaptation Fund Board  
Project and Programme Review Committee  
Thirty-second Meeting  
Bonn, Germany, 10-11 October 2023

### **PROPOSAL FOR ENHANCED DIRECT ACCESS GRANT FOR HONDURAS**



ADAPTATION FUND

## ADAPTATION FUND BOARD SECRETARIAT TECHNICAL REVIEW OF PROJECT/PROGRAMME PROPOSAL

PROJECT/PROGRAMME CATEGORY: EDA Fully-Developed Proposal

<b>Country/Region:</b>	Honduras
<b>Project Title:</b>	Direct Access Program for financing climate change adaptation projects to increase the adaptive capacity and climate resilience of indigenous and Afro-descendant communities in the marine coastal region of the municipalities of Juan Francisco Bulnes and Brus Laguna in Honduras
<b>Thematic Focal Area:</b>	Coastal Zone Management
<b>Implementing Entity:</b>	Comisión Acción Social Menonita (CASM) of Honduras (CASM)
<b>Executing Entities:</b>	Secretary of Natural Resources and Environment (SERNA) through the Project Coordination Office (PCO-SERNA). Asociacion de Organizaciones No Gubernamentales de Honduras (ASONOG).
<b>AF Project ID:</b>	AF00000357
<b>IE Project ID:</b>	
<b>Reviewer and contact person:</b>	Alyssa Gomes
	<b>Requested Financing from Adaptation Fund (US Dollars):</b> 4,000,000
	<b>Co-reviewer(s):</b>

<b>Technical Summary</b>	<p>The project “Direct Access Program for financing climate change adaptation projects to increase the adaptive capacity and climate resilience of Indigenous and Afro-descendant communities in the marine-coastal region of the municipalities of Juan Francisco Bulnes and Brus Laguna in Honduras” aims to contribute to increasing the adaptive capacity and climate resilience of the vulnerable Miskitu, Garífunas, Pech and Mestizo communities of the marine-coastal region of the municipalities of Juan Francisco Bulnes and Brus Laguna with emphasis on the protection of their livelihoods, assets, and ecosystem services. This will be done through the four components below:</p> <p><u>Component 1:</u> Development of institutional capacities of local entities for the design and execution of adaptation projects. (USD 77,000)</p> <p><u>Component 2:</u> Review and approval of adaptation project proposals. (USD 103,500)</p> <p><u>Component 3:</u> Management of EDA Program grants to finance the implementation of climate change adaptation measures in selected communities. (USD 3,022,500)</p>
--------------------------	--

	<p><u>Component 4: Management and development of knowledge on climate change adaptation measures. (USD 79,000)</u></p> <p><u>Requested financing overview:</u>  Project/Programme Execution Cost: USD 393,000  Total Project/Programme Cost: USD 3,282,000  Implementing Fee: USD 325,000  Financing Requested: USD 4,000,000</p> <p>This is the first submission of the fully developed proposal under the rolling submission process. The first technical review raises issues regarding further clarifying the theory of change, sustainability, and compliance with the AF's ESP and GP discussed in the Clarification Requests (CRs) Corrective Action Requests (CARs) raised in the review.</p>
Date:	28 August 2023

Review Criteria	Questions	Comments
Country Eligibility	1. Is the country party to the Kyoto Protocol?	<b>Yes</b>
	2. Is the country a developing country particularly vulnerable to the adverse effects of climate change?	<p><b>Yes.</b></p> <p>Honduras is affected by climate events such as hurricanes, storm surges and coastal flooding that generates losses in the productive and social infrastructure, productive system, and human lives that impact the evolution of the country's human development. The target regions i.e., the coastal communities in the municipalities of Juan Francisco Bulnes and Brus Laguna are impacted by multiple tropical storms and hurricanes, which cause serious damage to ecosystems, infrastructure, communities, and the livelihoods of the people who live there.</p>

Project Eligibility	1. Has the designated government authority for the Adaptation Fund endorsed the project/programme?	<b>Yes</b> , as per the Letter of Endorsement dated 18 July 2023.
	2. Does the length of the proposal amount to no more than 100 pages for the project/programme proposal and 100 pages for its annexes?	<b>Yes</b> .
	3. Does the project / programme support concrete adaptation actions to assist the country in addressing adaptive capacity to the adverse effects of climate change and build in climate resilience?	<p><b>Not cleared</b></p> <p>The proposal provides a well-defined problem statement that hinges on the rationale that the geographical location of the coastal communities, compounded by their lack of preparedness for extreme weather events, lack or have limited quality of health services, infrastructure, education, deficient or non-existent drinking water and sanitation systems, food insecurity, limited economic opportunities to generate income, including economic and social exclusion suffered by indigenous populations and specifically women, and the deficient institutional presence of the State of Honduras in the territory of the Muskitia, has significantly increased the level of vulnerability of coastal communities, their inhabitants and ecosystems to extreme events of climate change.</p> <p>The EDA model thus proposes to provide financial and technical resources to national, subnational, and local institutions to design and implement adaptation measures that allow them to reduce their vulnerability and increase their resilience to climate change while reducing the levels of poverty of its population.</p> <p>The Program's theory of change is shown in Figure 9. However, the ToC diagram would benefit from an explanation. The diagram presents some basic assumptions. For example, the project assumed that local organizations would have capacities to develop high quality proposals, they</p>

implement and comply with AF standards and policies, projects will be sustainable and replicable etc. However, the ToC does not explain what the drivers of these assumptions are and what are the barriers/ risks from those assumptions.

**CAR1:** Please present a narrative to explain the logic of your initiative.

**CR1:** Please explain the anticipated drivers and barriers of sustainability and identify which assets and capacities are expected to be functioning given changes in the intervening years and identified barriers and drivers.

The proposal mentions that the target Indigenous communities are in locations with some access challenges.

**CR2:** Please clarify how the project aims to overcome access challenges.

**CR3:** Please clarify related to the assumptions made in the ToC, who is expected to sustain results, based on stakeholder and other mappings?

The USP approach is acknowledged. However, as per page 13, “the project-specific interventions and their specific location have not yet been identified”. This statement is in contradiction to earlier references that have identified the target communities/ environmental and social setting in which they will operate (Pgs. 11-12). While the USP approach is acceptable for EDA projects, as per the AF requirements concerning the use of USPs, USPs that are fully unidentified – for which both the nature of the activity and the

		<p>environmental and social setting in which the activity will take place are unknown – are not acceptable.</p> <p><b>CAR2:</b> Please revise the USP justification, ensuring consistency in the explanation for their relevance for this EDA project.</p> <p><b>CAR3:</b> Please include an organogram that explains the roles and responsibilities of entities involved in the governance of the EDA model.</p> <p>A list of eligible local entities is presented on page 22.</p> <p><b>CAR4:</b> In the components and financing table, the titles for EE cost and Total Project Costs including their associated amounts are interchanged. Please include a budget line that includes the sum of project components, followed by the EE costs and the then project cost (sum of components + execution costs). Please make the required correction.</p> <p><b>CR4:</b> Please explain the locally- led elements pertaining to the activity on restoration and/or construction of dikes and breakwater barriers and clarify how it would fit within the EDA approach.</p> <p><b>CAR5:</b> In the Project Components and Finance Table (pg. 23)- Percentages of the IE Fees and EC stated does not correlate with the calculated figures. In Table 15 pg. 78 - No financial data in the disbursement schedule is provided. Please correct and revise across tables consistently.</p>
	<p>4. Does the project / programme provide economic, social and environmental benefits, particularly to vulnerable communities, including gender considerations, while avoiding or mitigating negative</p>	<p><b>Not cleared.</b></p> <p>During the formulation process of each project, the program will provide local entities with technical</p>

	<p>impacts, in compliance with the Environmental and Social Policy and Gender Policy of the Fund?</p>	<p>capacities to collect data on benefits across all three areas. Indicative indicators are also provided on page 42-43.</p> <p><b>CAR6:</b> Please include a gender assessment and Gender Action Plan (GAP). This is a mandatory requirement at fully developed proposal stage.</p> <p>Environmental, Social and Economic benefits from the project are provided in detail in the proposal. An approximate number of anticipated direct beneficiaries (disaggregated by gender) is also provided on page 81. On page 27 it is mentioned that Grant amount per project is between US\$40,000 and 120,000. At least 80% of the beneficiaries are women and 100% of the beneficiaries are indigenous and/or afro descendants.</p>
	<p>5. Is the project / programme cost effective?</p>	<p><b>Cleared.</b></p> <p>The cost-effectiveness justification on pages 46 and 47 includes an analysis of efficiency related to the costs of implementing the program comparing the EDA approach and the "business-as-usual" project from an operating cost perspective and enhanced local capacity to ensure sustainability in the longer term.</p>
	<p>6. Is the project / programme consistent with national or sub-national sustainable development strategies, national or sub-national development plans, poverty reduction strategies, national communications and adaptation programs of action and other relevant instruments?</p>	<p><b>Cleared.</b></p> <p>The project is aligned with the National Climate Change Strategy, the National Adaptation Plan, the Document of National Determined Contribution, and the Government Plan for the Refoundation of the Homeland and Construction of the Socialist and Democratic State of President Xiomara Castro as described on pages 47-50.</p>
	<p>7. Does the project / programme meet the relevant national technical standards, where applicable, in</p>	<p><b>Not cleared.</b></p>

	<p>compliance with the Environmental and Social Policy of the Fund?</p>	<p>Table 4 identifies the several types of projects that may be financed under the EDA project for each sector.</p> <p><b>CAR7:</b> Based on the broad categories of anticipated intervention described in project justification section in Table 4, please describe the process for compliance with technical standards. The process for compliance during implementation, including relevant authorities that would be involved should also be explained.</p>
	<p>8. Is there duplication of project / programme with other funding sources?</p>	<p><b>Not cleared.</b></p> <p>Exiting projects are listed. However non-duplication and synergies are not described in table 6.</p> <p><b>CAR8:</b> Please explain non-duplication and synergies with the existing projects.</p>
	<p>9. Does the project / programme have a learning and knowledge management component to capture and feedback lessons?</p>	<p><b>Not cleared.</b></p> <p>A learning and knowledge management system is described on pages 52 and 53. However the proposal does not include clear learning and KM outputs that relate to the learning and knowledge system that is presented.</p> <p><b>CR5:</b> Please provide the information requested above, including by ensuring that knowledge outputs are reflected in the results framework.</p>
	<p>10. Has a consultative process taken place, and has it involved all key stakeholders, and vulnerable groups, including gender considerations in compliance with the Environmental and Social Policy and Gender Policy of the Fund?</p>	<p><b>Not cleared.</b></p> <p>A consultation process for the development of this program proposal was conducted from February 27 to March 3, 2023. The outcomes of the consultations are presented on page 54.</p>



		<p>However, considering the USP approach, the proposal has not clarified the process or plan for on-going consultation with the target communities during implementation.</p> <p><b>CR6:</b> Please describe the process or plan for on-going consultation with the target communities during implementation. Please also describe the cultural and gender consideration for planned engagement with Indigenous groups (the main target group of this project) and women, girls, and other vulnerable groups.</p>
	11. Is the requested financing justified on the basis of full cost of adaptation reasoning?	<b>Yes.</b>
	12. Is the project / program aligned with AF's results framework?	<p><b>Yes.</b></p> <p>Alignment with AF SRF outcomes 2,3, 4,5,6 and 8.</p>
	13. Has the sustainability of the project/programme outcomes been taken into account when designing the project?	<p><b>Not cleared.</b></p> <p><b>CR7:</b> Please provide an explanation of how the project is expected to be sustainable from an environmental, social, economic, financial, and institutional perspective. The financial sustainability include operation and maintenance cost of built infrastructure should be explained.</p>
	14. Does the project / programme provide an overview of environmental and social impacts / risks identified, in compliance with the Environmental and Social Policy and Gender Policy of the Fund?	<p><b>Cleared.</b></p> <p>Table 7 includes an assessment of the list of environmental and social principles. As per page 57, the program will approve project proposals categorized as category C (low risk) and some projects will be category B (moderate risk). In the case of category B projects, an Environmental Impact Study must be conducted. Based on a preliminary review of the Fund's environmental and social policy, it is concluded that this proposal can be determined as Category B.</p>
Resource Availability	1. Is the requested project / programme funding within the cap of the country?	<b>Yes.</b>

		The request financing of USD 4 million, falls within the cap of USD 5 million per country.
	2. Is the Implementing Entity Management Fee at or below 10 per cent of the total project/programme budget before the fee?	<b>Yes.</b> IE fee is at 8.8% of the total project cost.
	3. Are the Project/Programme Execution Costs at or below 12 per cent of the total project/programme budget (including the fee)?	<b>Yes.</b> EE costs are at 10.69% of the total project cost excluding the IE fee.
Eligibility of IE	1. Is the project/programme submitted through an eligible Implementing Entity that has been accredited by the Board?	<b>Yes.</b> Comisión Acción Social Menonita (CASM) is an accredited NIE of the Fund.
Implementation Arrangements	1. Is there adequate arrangement for project / programme management, in compliance with the Gender Policy of the Fund?	<b>Not cleared.</b>  Well noted that the project will hire a Specialist in Environmental and Social Safeguards.  Please see CAR 6 above.  <b>CAR9:</b> Please ensure that GAP indicators are integrated in the project's results framework.
	2. Are there measures for financial and project/programme risk management?	<b>Not cleared.</b>  <b>CAR10:</b> Please ensure that the risk level is presented as Low, Medium or High.
	3. Are there measures in place for the management of for environmental and social risks, in line with the Environmental and Social Policy and Gender Policy of the Fund?	<b>Not cleared.</b>  <b>CAR11:</b> Please include an Environmental and Social Management Plan (ESMP) including a framework for how USPs will be monitored during implementation.  Please note that the ESMP should include:

		<ol style="list-style-type: none"> <li>1. Allocated roles and responsibilities for its implementation, including for consultation and adaptive management.</li> <li>2. Capacity enhancement of grantees at local level to conduct risk screening, monitor and manage risks.</li> <li>3. Credible budget provisions, as needed, for the implementation of the ESMP.</li> <li>4. Clear arrangements for the IE to supervise executing entities for implementation of ESMP.</li> <li>5. Clear monitoring and evaluation arrangements for ESP compliance</li> </ol> <p><b>CAR12:</b> Please describe arrangement for an accessible and meaningful grievance mechanism, mentioning all parts of the grievance process, including where grievances can be addressed.</p>
	4. Is a budget on the Implementing Entity Management Fee use included?	<p><b>Yes.</b></p> <p>The proposal includes a breakdown of the IE management fee on page 85.</p>
	5. Is an explanation and a breakdown of the execution costs included?	<p><b>Yes.</b></p> <p>The proposal includes the breakdown of the execution costs on page 84.</p>
	6. Is a detailed budget including budget notes included?	<p><b>Cleared.</b> A detailed budget is included per activity, including budget notes on pages 81-84.</p>
	7. Are arrangements for monitoring and evaluation clearly defined, including budgeted M&E plans and sex-disaggregated data, targets and indicators, in compliance with the Gender Policy of the Fund?	<p><b>Not Cleared.</b></p> <p>Please refer to CAR 6 above.</p>

	8. Does the M&E Framework include a break-down of how implementing entity IE fees will be utilized in the supervision of the M&E function?	<p><b>Not cleared.</b>  <b>CAR13:</b> Please include a budgeted M&amp;E plan.</p>
	9. Does the project/programme's results framework align with the AF's results framework? Does it include at least one core outcome indicator from the Fund's results framework?	<p><b>Not cleared.</b></p> <p><b>CAR14:</b> Please ensure that project outputs and activities are consistently numbered.</p> <p><b>CAR15:</b> Please ensure that the monitoring responsibility is mentioned.</p> <p><b>CAR16:</b> Kindly insert targets in the Results Framework (Section III.E) where relevant, for ecosystem restoration efforts, development sector assets improved/restored/ developed, livelihood and policy development etc, that are mentioned in the alignment table in Section III.F.</p> <p>Table 12. includes 1 Core Impact Indicator of the Fund.</p>
	10. Is a disbursement schedule with time-bound milestones included?	<p><b>Not cleared.</b>  The disbursement schedule is not presented in the required format.</p> <p><b>CAR17:</b> Please revise the Disbursement Schedule using the AF template format. <a href="#">Disbursement Schedule Template</a> (18 kB, XLS).</p>



ADAPTATION FUND

REQUEST FROM HONDURAS FOR ENHANCED DIRECT ACCESS (EDA)  
PROGRAM FUNDING FROM THE ADAPTATION FUND

The annexed form should be completed and transmitted to the Adaptation Fund Board Secretariat by email or fax.

Please type in the responses using the template provided. The instructions attached to the form provide guidance to fill out the template.

Please note that a project/program must be fully prepared (i.e., fully approved for feasibility) when the request is submitted. The final project/program document resulting from the appraisal process should be attached to this request for funding.

Complete documentation should be sent to:

The Adaptation Fund Board Secretariat 1818 H Street NW  
MSN N7-700  
Washington, DC, 20433 USA  
Fax: +1 (202) 522-3240/5  
E-mail: [afbsec@adaptation-fund.org](mailto:afbsec@adaptation-fund.org)

## PROJECT/PROGRAM PROPOSAL TO THE ADAPTATION FUND

### PART I: PROJECT/PROGRAM INFORMATION

Project/Program Category: ENHANCED DIRECT ACCESS (EDA)

Country/ies: Honduras

Title of Project/Program: Direct Access Program for financing climate change adaptation projects to increase the adaptive capacity and climate resilience of indigenous and Afro-descendant communities in the marine-coastal region of the municipalities of Juan Francisco Bulnes and Brus Laguna in Honduras.

Type of Implementing Entity: NATIONAL IMPLEMENTING ENTITY

Implementing Entity: CCOMISION DE ACCION SOCIAL MENONITA (CASM)

Executing Entity/ies: Secretary of Natural Resources and Environment (SERNA) through the Project Coordination Office (PCO-SERNA).  
Asociacion de Organizaciones No Gubernamentales de Honduras (ASONOG).

Amount of Financing Requested: 4,000,000.00 (in US Dollars Equivalent)

#### **Project / Program Background and Context:**

*Provide brief information on the problem the proposed project/program aims to solve. Outline the economic, social, development and environmental context in which the project would operate.*

#### **Economic, social, development and environment context**

Honduras is the second largest country in Central America. It has a territorial extension of 112,492 km<sup>2</sup> and a population of 9.2 million inhabitants, of which 12% are indigenous or afro-descendant and where almost half of the population (44%) live in rural areas (INE, 2019).

The COVID-19 Pandemic and Hurricanes ETA and IOTA intensified the existing economic and social challenges in Honduras, causing an 8.96% fall in the Gross Domestic Product (GDP) and a 9% increase in the public debt with respect to GDP during the year 2022 (SEFIN, 2022).

During 2021, the economic activity recovered with a growth of 12.5% driven by the flow of remittances that supported private consumption, and by the favorable performance of its main trading partners. However, the slowdown of the world economy, as well as the war in Ukraine, and the cooling of relations between the great global powers has generated high risks for the country that affect national contexts characterized by high levels of poverty, political conflict and social, vulnerability to climate change, and the fragility of agri-food and energy supply systems. For 2023, a growth of 3.5% in the GDP is expected, in line with the 3.6% forecast for Central America (Fondo Monetario Internacional, 2022).

The program will be implemented in the municipalities of Juan Francisco Bulnes and Brus Laguna located in the department of Gracias a Dios in the Republic of Honduras. Honduras in general and the specific region of the project have a geographical location that makes them highly vulnerable to climate change since it is located in the Central American hurricane corridor. Therefore, each year the region suffers from multiple tropical storms and hurricanes, which cause serious damage to ecosystems, infrastructure, communities and the livelihoods of the people who live there. Unfortunately and according to the IPCC data in its sixth report, the increase in average temperatures will continue to increase the frequency and destructive capacity of hurricanes in the future and this region will mainly continue to suffer the disasters caused by such climatic events (IPCC-AR6, 2023).

The area of influence of the program includes the coastal communities of the municipalities of Juan Francisco Bulnes and Brus Laguna. Both municipalities are located in the territory of the Honduran Mosquitia, which includes the entire Department of Gracias a Dios. (Figure 1).



Figure 1. Area of influence of the Enhanced Direct Access (EDA) program.

The area of influence of the program includes a total population of 20,998 inhabitants, of which 50.55% are women, belonging mainly to the Garifuna and Miskitu ethnic groups (INE, 2019), as observed in Table 1 below.

The Honduran Muskitia is part of the great Muskitia ecosystem, considered one of the most important and biologically richest areas on the planet since it houses more than forty small ecosystems; including jungles, pine savannahs, marine-coastal ecosystems, wetlands, lagoons, mangroves and the second largest coral reef in the world. It is also home to the Río Plátano Biosphere Reserve, which contains the largest intact tropical forest north of the Amazon and was declared a World Heritage Site by UNESCO in 1982, due to its natural and cultural diversity.

**Table 1. Distribution of the population in the area of influence of the program.**

<b>Municipality</b>	<b>Community</b>	<b>Population</b>	<b>Women</b>	<b>Men</b>	<b>Indigenous people</b>
Juan Francisco Bulnes	Tocamacho	2155	1134	1021	Garifuna
	Batalla	1096	546	550	Miskitu, Garífuna, Mestizo
	Plaplaya	1352	683	669	Miskitu, Garifuna, Mestizo
	Ibans	2168	1104	1064	Miskitu, Garifuna, Mestizo
Brus Laguna	Cocobila	848	409	439	Miskitu
	Belen	1204	607	597	Miskitu
	Nueva Jerusalen	1606	794	812	Miskitu
	Rio Platano	1724	889	835	Miskitu, Pech
	Brus Laguna	5306	2654	2652	Miskitu
	Barra Patuca	3505	1778	1727	Miskitu
<b>Total</b>		<b>20,964</b>	<b>10,598</b>	<b>10366</b>	

From 2001 to 2021, the Tawahka Asgni Reserve lost 33% of its tree cover; the Río Plátano Biosphere Reserve 18% and the Patuca National Park 34% (Global Forest Watch, 2023). In addition, the National Program for the Conservation of Terrestrial Ecosystems 2021-2030 of the Honduran Ministry of Natural Resources and the Environment states that deforestation of the humid tropical forest in Honduras is concentrated in the Muskitia. In the midst of this process which has expanded in recent years, the indigenous and mestizo communities that denounce the invasions and illegal activities and that demand state action to protect their territory, ended up becoming targets of criminals. Threats and harassment have forced many leaders to leave the territory, even outside the country.

### **Socioeconomic Context**

In the last Human Development Report for Honduras published in 2022, the country obtained an HDI of 0.634, which places it in position 132 out of 189 low-middle income nations, 20% below the average for Latin America and the Caribbean (LAC) and with the lowest HDI in the Central American region (PNUD, 2022).

Honduras is one of the poorest and most unequal countries in Latin America and the Caribbean. Approximately half of the Honduran population lives on less than \$5 a day (PPP, Parity of



Purchasing Power) compared to 22% in LAC and 30% in Central America. Official figures indicate that between 2014 and 2019 poverty levels fell slightly from 49.7% to 48% (INE, 2014-2021). However, the Pandemic and natural disasters of 2020 reversed these gains. It is estimated that, in 2021, three out of five Hondurans were living in poverty, and the majority were concentrated in rural areas. This context also applies to the situation experienced by rural Honduran women and indigenous and Afro-descendant communities, especially regarding access to land, financial resources, basic health services, education, water, sanitation, and decent and permanent jobs (INE, 2019).

With respect to inequality on income distribution, Honduras moves away from regional trends as it has one of the highest Gini coefficients in the continent. Between 2001 and 2019, it remained above 50.0 points, with few gains in the reduction of inequality on income compared to that observed in El Salvador (-12.9 points) or the Dominican Republic (-8.1 points) (Banco Mundial, 2022).

Honduras is facing a crisis in the social, economic, political and environmental areas, which manifests itself in insufficient growth and little impact to reduce inequalities and poverty; high levels of informality; imbalance in public finances; structural inequality faced by women, indigenous peoples, Afro-descendants and persons with disabilities; increased migration and high chronic rates of violence; and a high vulnerability to increasingly strong and recurring climatic events due to climate change (PNUD Honduras, 2022).

On the other hand, the combined effects of the Pandemic and the increasingly recurrent and intense weather phenomena such as hurricanes ETA and IOTA, caused a reversal of the improvements accumulated in recent years regarding income inequality and maternal and infant mortality. Life expectancy fell by around 1.5 years due to mortality caused by the COVID-19 pandemic. In addition, the average level of schooling fell by at least one year (which implies the loss of the typical progress that the country achieved every ten years), while per capita income fell by almost 10% (Banco Mundial, 2022).

In the last three decades, the evolution of the Human Development Index and its components has been increasingly moderate. At the subnational level, it should be especially concerning that the country is far from achieving the expected achievements in the basic aspects of this paradigm: life expectancy, education, and income even in the departments with higher human development (UNDP, 2022). It is important to highlight that the levels of access to basic services and their quality are very low, especially regarding access to clean water, basic sanitation services, and access to energy, health, and education.

The municipalities of Juan Francisco Bulnes and Brus Laguna have an HDI of 0.63 and 0.65 respectively (UNDP, 2022).

Brus Laguna has a total population of 12,447 inhabitants, of which 6,173 are men and 6,274 are women. 57% of the population lives in urban areas and 43% in rural areas. Its territorial extension is 3,291 km<sup>2</sup>, and it has 7 villages, 53 hamlets and 7 urban neighborhoods. 79% of its population belongs to the Miskitu ethnic group. Brus Laguna has an illiteracy rate of 10%, primary coverage of 88% and 28% of households are headed by women (INE, 2019).

Juan Francisco Bulnes has a total population of 6,015 inhabitants, of which 2,969 are men and 3,046 are women. 100% of the population lives in urban areas. Its territorial extension is 734 km<sup>2</sup> and it has 7 villages, 56 hamlets. 55% of its population belong to the Garífuna ethnic group. Juan Francisco Bulnes has an illiteracy rate of 12%, primary coverage of 86% and 27% of households are headed by women (INE, 2019).

The department of Gracias a Dios has approximately 108,000 inhabitants from four indigenous groups: Miskitu, Pech, Tawankas, Garífunas and mestizos (INE 2022). Specifically, in the municipality of Juan Francisco Bulnes, the majority of the population is Garífuna, followed by Pech and mestizos, while in Brus Laguna the predominant population is Miskitu followed by mestizos.

Indigenous governance in the Muskitia territory is composed of Territorial Councils (TC). Unfortunately, the management capacity of the TC has been very limited due to the lack of resources, the lack of a legal and institutional context to support their efforts, and the lack of clear and committed leadership.

Currently, the consortium made up of CASM and AeA, with financing from COSUDE, is financing a program called PRAWANKA. This program has supported the institutional development process of most of the TC and therefore there has been progress in the institutional development process of some TC, although there is still a long way to go, especially in the development of their institutional capacities for the design and project implementation.

The Muskitia Asla Takanka (MASTA) is the highest organizational structure in the Miskitu territory and brings together 12 Miskitu Territorial Councils, including the Federation of Pech Indigenous Tribes of Honduras (FETRIPH), and the CT Barauda representative of the Garífuna people. MASTA was founded on June 26, 1976 in the municipality of Ahuas with the vision of “Becoming the highest authority for territorial political representation, protest, defender of individual, collective, ancestral rights and identity of the Miskitu Indigenous People, seeking to strengthen the autonomy and indigenous governance of the territory of La Muskitia, revitalizing culture and guaranteeing the legalization, administration and collective control of their lands, territories and natural resources” (MASTA, 2012).

The main traditional livelihoods of coastal communities are based on subsistence agriculture, fishing, hunting, gathering forest products, and occasional or seasonal wage labor. Likewise, men and especially young men are engaged in commercial fishing working as divers for commercial fishing boats during the months of August to March. This activity generates a lot of income; however, it is also a serious social problem for the Miskitu community because it promotes a high consumption of drugs and alcohol leading to health problems that leave many young people crippled and/or permanently disabled due to bad diving practices and/or lack of equipment and/or improper use of it during the dive.

La Muskitia is one of the most remote, marginalized and isolated regions of the country, being accessible only by river and air transport. Likewise, it is an area that has very little presence and investment from the State of Honduras and therefore the quality of health, education, water and sanitation, security, access to energy and infrastructure services are of very poor quality or non-existent as a result of the continued economic and social exclusion of the region and its inhabitants by the State of Honduras. On the other hand, the limited institutional presence of the State of Honduras and the economic and social exclusion of the population have facilitated

the invasion and colonization of people from mainly the departments of Olancho and Colon causing the deforestation of large tracts of land to dedicate it to extensive cattle ranching. Likewise, the weak institutional framework has allowed the increase in drug trafficking in the region, causing the displacement of entire small communities due to the high levels of violence generated by this criminal activity (CASM, 2021).

### **Climate change vulnerability and impact**

Central America is one of the most vulnerable regions to climate change. Honduras in particular has suffered the effects of the strongest hurricanes during the last 60 years since its territory, and in particular, the Muskitia area, are located in the corridor through which most of the tropical storms and hurricanes that form in the Caribbean pass, causing serious and recurring damage to the infrastructure, economy and lives of the people who inhabit this area. Among these we can mention Hurricane Fifi in 1974, Hurricane Mitch in 1998 and more recently Hurricanes ETA and IOTA in November 2020. The damage caused by the increasingly strong and more frequent hurricanes to its economy, ecosystems, human lives and infrastructure deepen the already existing high levels of poverty in the country and particularly in marginalized rural areas such as the coastal areas in the Muskitia. On the coasts, this leads to increases in sea level, floods and saline intrusion, leaving the population exposed to an increase in the incidence of tropical diseases.

Central America suffers from severe health problems due to epidemics caused by vectors, degradation of coral reefs, affectation of food security and damage to life and infrastructure due to floods, landslides, rise in sea level, storm surges and coastal erosion (IPCC-AR6, 2023).

Since 1960, Honduras has suffered from the financial losses caused by storms, which have increased in frequency and intensity. Some examples of this are Hurricane Mitch in 1998, which caused damage to the country's economy for more than US\$3,841 million, which at that time represented 70 % of the Gross Domestic Product of the country, as well as the loss of life of more than 8,000 people and more than 1.5 million displaced people (OCDE/CAF/CEPAL, 2018). More recently, Hurricanes ETA and IOTA in 2020 caused damage to the economy for more than Lps. 52,000.00 million (equivalent to US\$2.2 billion) (BID/CEPAL, 2021), in addition to causing the loss of human lives and displacement of large numbers of the population to other parts of the country or abroad due to the loss of their homes and livelihoods.

Each climatic event that affects Honduras generates losses in the productive and social infrastructure, productive system and human lives that impact the evolution of the country's human development. For example, the UNDP in its HDI 2022 report indicates that "ETA and IOTA undermined the cumulative improvements in the three dimensions of the HDI: in 2020, life expectancy fell back to the level observed in 2012, average schooling reversed at least one year (which implies the loss of the typical progress that the country achieved every 10 years) and per capita income fell by almost 10%, according to World Bank data."

Each region faces more severe or frequent compound and/or cascading climate risks in the short term. Changes in risk are the result of changes in the degree of threat, the exposed population and the degree of vulnerability of people, assets or ecosystems. In the case of Central America (Figure 2), an increase of 35% in the number of people affected by coastal flooding is estimated for the year 2040 as a result of the rise in sea levels, under an intermediate scenario in the increase in emissions and the current actions in adaptation (IPCC-AR6, 2023).

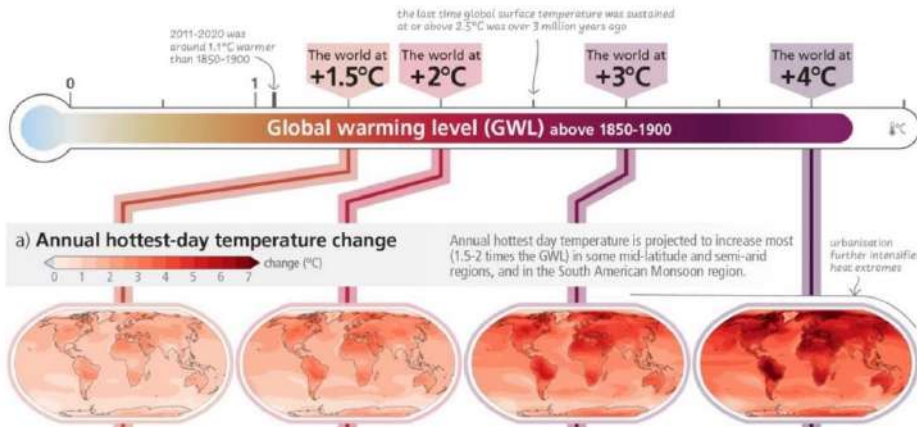


Figure 2. Effect of various scenarios on the increase in global mean temperature.

Future climate change will increase the severity of the impact on natural and human systems and will increase regional differences (IPCC-AR6, 2023). Figure 3 shows how in Central America these climate changes will significantly affect human health, as well as corn production and fishing in coastal areas, seriously affecting the livelihoods and food security of the population that lives in the region.

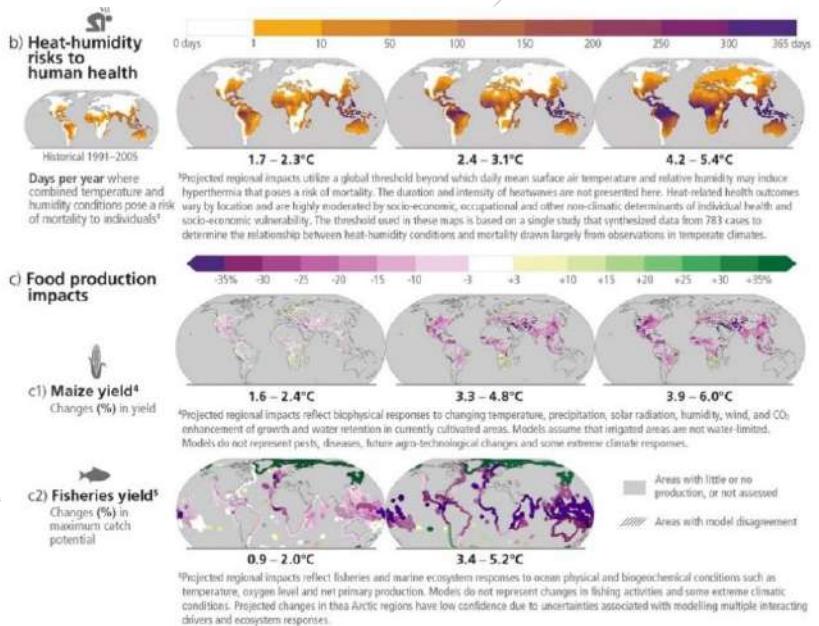
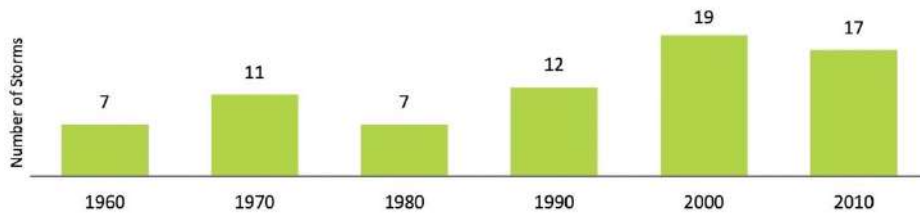


Figure 3. Effect of different scenarios of increase in average temperature on livelihoods by region.

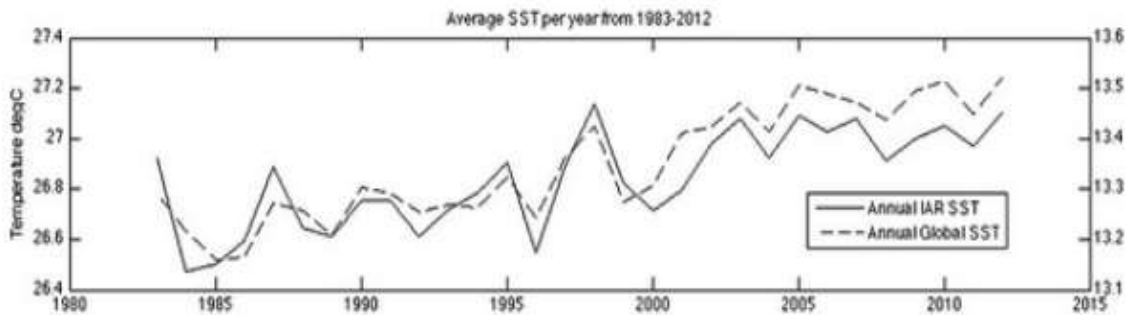
Projected changes in climate will increasingly affect people's livelihoods and economic activity and will force migration and resettlement processes. The intensification of extreme weather events on the Atlantic coast of Central America caused by the consequences of global warming is likely to impose an unsustainable burden on the region's fragile economies and contribute to the loss of human and financial capital, including livelihoods and assets (Figure 4). The economic impact of extreme weather events is reflected in crop losses, damage to settlements, the impacts caused by the displacement of populations, especially the most vulnerable, and the loss of human lives.



Source: from data extracted from <https://coast.noaa.gov/hurricanes/>

Figure 4. Distribution of extreme weather events in the Central American region by decade since 1960.

Globally, sea surface temperatures (SST) have increased as a direct response to global warming. Analysis of historical records has concluded that the Caribbean Basin SST has increased over time (Figure 5), experiencing most of the net changes since the 1990s. (Blankespoor et al, 2016), (Browder et al, 2019).



Source: Browder et al., 2019

Figure 5. Distribution of the average annual temperature of the sea surface.

The global and regional projections converge with the data generated by Navarro-Racines et al, 2018, since the possible scenarios generated for the Muskitia territory project temperature increases for all scenarios and times of the year, with the highest increases being for the months of June, July and August. Projections also indicate a faster increase in maximum temperature than in minimum (Figure 6). This discrepancy, in which the maximum temperature grows at a higher rate than the minimum in most scenarios and seasons, suggests higher degree days throughout the year and consequently higher evapotranspiration rates and more extensive arid areas (Navarro-Racines et al, 2018).

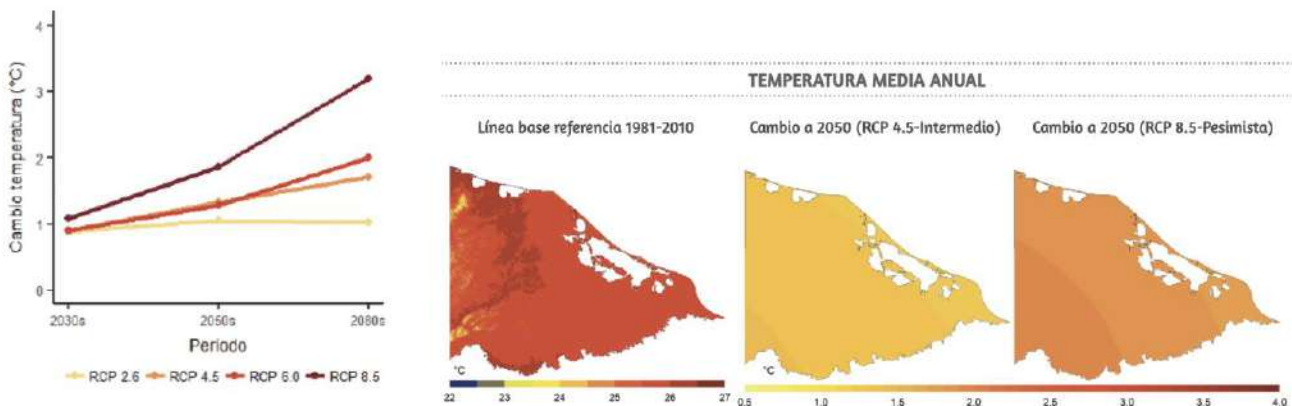


Figure 6. Average annual temperature in the Muskitia according to different scenarios

Navarro-Racines et al, 2019, indicates that, in the Mosquitia region, the scenarios show a trend of precipitation change towards a moderate decrease. However, an increase in precipitation of up to 6% is projected for the year 2050 for the RCP 2.6 scenario and a decrease of up to 8% for the year 2100 for the RCP 8.5 scenario (Figure No. 7). Likewise, it is projected that there are increases in precipitation at the beginning and end of the rainy season, which, in summary, brings with it heavier and more frequent rains at the beginning (May) and at the end of the rainy season (October and November) increasing the chances of flooding in the coastal areas of the Mosquitia.

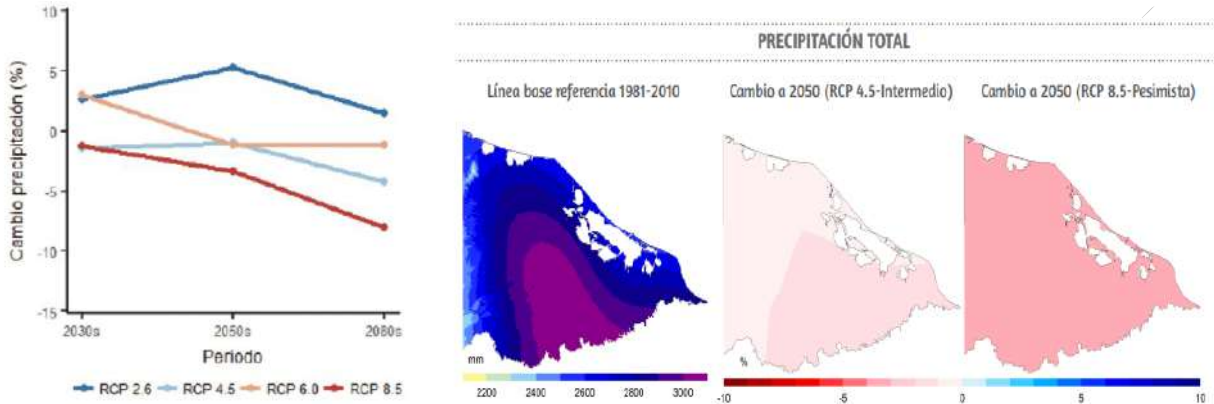


Figure No. 7. Annual precipitation in the Mosquitia according to different scenarios.

### Vulnerability to climate change

Honduras has a high degree of vulnerability to climate change and a very low level of preparedness for climate change events, which is reflected in the Notre Dame Global Adaptation Index (ND-GAIN).<sup>1</sup>, where Honduras, according to the 2020 index, ranks 136 out of 182 countries in the world (Universidad de Notre Dame, 2023). This result places Honduras in the upper left quadrant of the ND GAIN Matrix, which indicates that Honduras has a great need for investment and innovations to improve its preparation and a great urgency for action. Figure 8 explains the meaning of each quadrant of the matrix and the location of Honduras in it based on the index calculated for the year 2020.

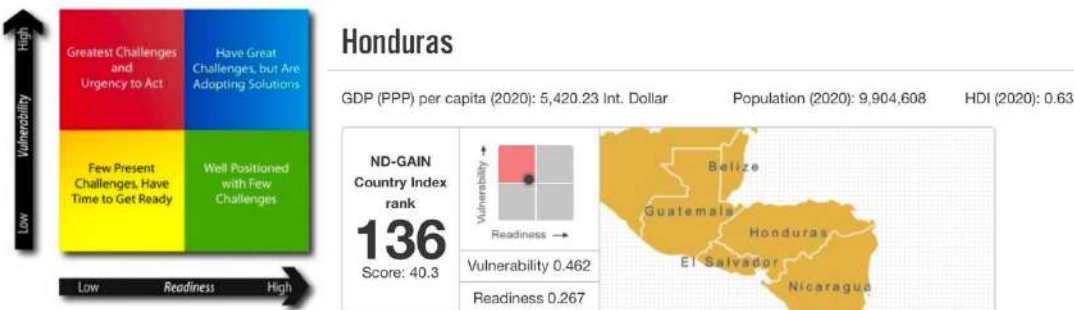


Figure 8. Explanation of the Vulnerability Index of Honduras according to the ND-GAIN Index.

<sup>1</sup><https://gain.nd.edu/our-work/country-index/>

Honduras in general, and the Muskitia territory in particular, are highly vulnerable to increasingly strong and frequent extreme climate change events, which, according to available scientific studies at the global, regional, and national levels, will intensify in the coming years.

The department of Gracias a Dios is classified as highly vulnerable to climatic effects given its exposure to tropical events and its lack of internal infrastructure. The FAO reported that, from December 2021 to February 2022, at least 2.2 million people in Honduras would be in a food crisis, with the department of Gracias a Dios being the most affected, with a negative impact on 43% of its population. .

Climate change has social, environmental and economic impacts that affect vulnerable populations to a greater extent. In Honduras, boys and girls, young people, women, the elderly, and indigenous and Afro-Honduran peoples (PIAH), especially those who live in rural environments, are in situations of high vulnerability to climate change due to their diminished capacities and opportunities to adapt to its effects.

The impacts of climate change vary between men and women due to the roles, responsibilities and inequalities they experience in relation to access to land, credit, information and technology, the differentiated use and management of natural resources, and their differentiated participation in decision-making processes. There is a causal relationship with the impacts of climate change. On the one hand, the impacts of climate change and environmental degradation tend to exacerbate existing gender inequalities, and on the other hand, gender inequalities mean that the negative impacts of these phenomena are greater on women, boys and girls, placing them in a position of vulnerability where their livelihoods, assets and health are affected (PNUD, ONU Mujeres, PNUMA, 2020).

The coastal communities of La Muskitia are frequently affected by storms and flooding, especially during the hurricane season. These extreme weather events cause beach erosion, damage to homes, infrastructure, water and sanitation systems, crops, and fishing, and put people's lives at risk. Likewise, the salinization of water affects the availability of drinking water and agriculture in the region.

Climate change is affecting public health in coastal communities, especially the health of children, youth and the elderly due to the increase in incidences of vector-borne diseases, such as dengue and chikungunya, and diseases acquired through water due to problems of access to good quality water and non-existent or very poor quality sanitation systems.

The geographical location of the coastal communities, the lack of preparation for extreme weather events, the lack and/or limited quality of health services and infrastructure, education, deficient or non-existent drinking water and sanitation systems, deficient housing, lack of drainage systems, food insecurity, limited economic opportunities to generate income, the economic and social exclusion suffered by indigenous populations and specifically women, and the little institutional presence of the State of Honduras in the territory of the Muskitia significantly increase the level of vulnerability of coastal communities, their inhabitants and ecosystems to extreme events of climate change. Therefore, it is urgent and necessary to provide financial and technical resources to national, subnational and local institutions in order to design and implement adaptation measures that allow them to reduce their vulnerability and increase their resilience to climate change while reducing the levels of poverty of its population

## **Gender considerations.**

According to the Global Gender Gap Index published in June 2023, Honduras is ranked 53 out of 146 countries with a parity index of 0.735. (World Economic Forum, 2023). It is noteworthy that there has been a progress of almost 30 positions compared to the results of 2022, where Honduras was ranked number 82 out of 146 countries with a parity index of 0.705. (World Economic Forum, 2022).

The Global Gender Gap Index was first introduced by the World Economic Forum in 2006 to measure progress towards gender equality and compare gender gaps between countries in four dimensions: economic opportunity, education, health and leadership. Despite the advances in terms of gender parity in recent years, gender relations are still very unequal due to cultural norms, education, and above all unequal access to resources, which limits the decision-making power of women on the use of household resources.

With respect to the Garífuna and Miskitu culture, gender relations have some particularities regarding the role of women and men that are mentioned below.

**Garifuna.** Men and women have ancestrally marked their role in the Garifuna culture, based on subsistence agriculture, gathering and fishing, where the matriarchal figure is the guide and support of every family. The woman is the one who brings the food home, since she is in charge of cultivating the land, especially the planting of cassava, plantain, sweet potato, and yams, she is also dedicated to economic activities such as the preparation and sale of cassava and/or bread coconut, looks for firewood and is in charge of raising the children. For their part, men are generally absent and when they are present they are in charge of generating income through fishing in the sea, either their own or as employees in large fishing boats. When they are at home, they support the women in their subsistence farming and fishing activities.

**Miskitu.** The economy of the Miskitu peoples is based on agriculture, fishing, hunting and gathering. Men generally leave the community for long periods of time to generate income, generally through deep-sea diving to fish for lobster and other marine species, and when they are at home they hunt large animals mainly for their own consumption. This activity generates a very high social impact in the communities since generally, the men who go fishing consume drugs, gamble, and due to poor diving practices and/or inappropriate equipment, there is a high incidence of partially and permanently disabled divers, becoming an economic and emotional burden for their families, especially their wives.

On the other hand, since most men use the limited resources they earn to buy drugs, gamble, and/or establish extramarital relationships, they are unable to provide enough income for their families and therefore the burden of food, health, education, entertainment and clothing for the entire family falls on women.

The absence of men has encouraged women to assume leadership and responsibility in running the home. Also, due to this situation, many women have chosen not to have a



permanent partner and hence, a popular saying among women themselves that indicates that they are single during the day and married at night.

The women are in charge of carrying out agricultural activities, fishing in the river and lagoon and hunting small animals to guarantee the food security of their family. Likewise, the generation of the limited cash income is obtained through the transformation of agricultural and marine products that are later marketed, as well as the establishment of enterprises such as grocery stores, canteens, preparation and sale of bread, among others.

Unfortunately, in the Miskitu communities there are no sources of employment since there are not enough economic activities that generate wealth, resulting in very limited economic production. In this sense, women are the ones who suffer the most from the effects of the floods caused by climatic events, since, during these events, they lose most of their crops and animals and since they do not have a permanent income-generating activity, they lack cash resources to meet the needs of their family. This situation increases the level of vulnerability of women and with it the young people, boys, girls and older adults who are generally cared for by women.

Finally, it is important to mention that due to the precarious economic situation of the majority of women and due to the need to feed their children and not having the possibility of an income-generating activity, many women eventually dedicate themselves to the practice of prostitution. with the aim of obtaining extra income and thus being able to feed their families.

### **Climatic context and definition of the problem for the focus of the areas for the investments of the EDA program**

The intervention area of the EDA program will be the coastal communities of the Municipalities of Juan Francisco Bulnes and Brus Laguna, as shown in Figure 1.

Project-specific interventions<sup>2</sup> and their specific location have not yet been identified because this is an intervention under the direct access mechanism. The projects that will be financed and executed will focus on the implementation of relevant and necessary adaptation measures (solutions) to help increase resilience and reduce the vulnerability of indigenous and Afro-descendant coastal communities to the increasingly frequent extreme rains, hurricanes, and increased temperatures that cause frequent flooding, directly affecting their homes, livelihoods, community infrastructure, access to health services, education, water and sanitation, their health, and their lives.

The EDA program will provide the necessary financing for local organizations to identify, design and take action through the implementation of the adaptation measures required to increase their resilience and reduce their vulnerability to climate change.

The focus areas for the development of project proposals at the local level have been identified taking into consideration the following aspects:

---

<sup>2</sup>It refers to the Unidentified Sub Projects. For purposes of the proposal in Spanish version, we will call them projects.

1. Climatic factors have been identified based on scientific evidence contained in global and national studies.
2. The climatic factors and risks in the indigenous and Afro-descendant coastal communities have been discussed with the different relevant actors in said communities through a consultation process carried out for this purpose.
3. The adaptation measures identified are relevant to address the climate risks suffered by indigenous and Afro-descendant coastal communities in the program's area of influence.
4. The adaptation measures are feasible to execute in the area of influence of the program and can be carried out by local organizations.
5. The adaptation measures identified are among the adaptation measures prioritized by the Government of Honduras in its updated NDC document and in the National Adaptation Plan.

A summary of the climate context and problem definition for each EDA program focus area is presented in Table 2 below.

**Table 2. Climate context for key focus areas of the EDA program**

Climatic factors	Impact on communities (Climate risks)	Area of action to deal with impacts
<p><b>Frequent precipitation and extreme rainfall</b> due to the presence of tropical storms and hurricanes have increased in the area of influence of the project due to climate change.</p>	<ul style="list-style-type: none"> <li>• Flooding of communities by sea water, rivers and lagoons.</li> <li>• Saline intrusion</li> <li>• Damage to the infrastructure of homes, streets, schools, health centers, water and sanitation systems</li> <li>• Lost in agriculture and livelihoods</li> <li>• Vector diseases and water pollution.</li> <li>• loss of human lives</li> </ul>	<ul style="list-style-type: none"> <li>• Preparedness systems for extreme weather events.</li> <li>• Infrastructure of basic services such as health, education, water and sanitation resilient to floods and hurricane winds.</li> <li>• Storm drainage systems in communities</li> <li>• Coastal protection systems and restoration and reforestation of mangroves</li> </ul>
<p><b>High temperatures and climatic variability</b> have increased due to climate change.</p>	<ul style="list-style-type: none"> <li>• Loss of crops and animals</li> <li>• fish reduction</li> </ul>	<ul style="list-style-type: none"> <li>• Climate-Smart Agriculture Programs</li> <li>• Diversification of the livelihoods of the most vulnerable people in the communities.</li> </ul>

Honduras is a country highly vulnerable to the effects of climate change and with very low capacities to adapt to these effects, as indicated by the Notre Dame Global Adaptation Index (ND-GAIN). Given that the area of influence proposed for the program is located in the hurricane corridor, and that these communities have traditionally been excluded, the levels of vulnerability are even higher and therefore with each extreme weather event, which are increasingly more frequent, the levels of vulnerability increase, further exacerbating the high levels of poverty and economic and social exclusion that already exist in the region, especially of indigenous women, youth, children and the elderly.

The impact of climatic events on the Honduran economy and the Muskitia region is devastating and with each event that occurs, the progress that has been made in terms of economic and social development since the last extreme weather event is lost.

The State of Honduras has a strong commitment in the fight against climate change. In this sense, it has developed a climate agenda, a structure and a public policy framework with the aim of advancing in the fight against climate change. Following this, in 2010 the National Climate Change Directorate (DNCC) was created, the National Climate Change Strategy (ENCC) was prepared, the Inter-Institutional Climate Change Committee (CICC) was formed, and the Climate Change Law was formulated. Likewise, the preparation of the National Climate Change Adaptation Plan began in 2015, (Secretaria de Recursos Naturales y Ambiente, 2018; Secretaria de Recursos Naturales y Ambiente., 2021) whose principles are reaffirmed in the document Updating the National Determined Contribution of Honduras (NDC-HN, presented within the framework of the Paris Agreement in 2015. Likewise, it is important to mention that in its updated NDC-HN, Honduras prioritizes the development of funding mechanisms to finance adaptation actions for vulnerable groups (Secretaria de Recursos Naturales y Ambiente., 2021).

Currently, recurring extreme weather events in the program's area of influence are strongly affecting indigenous and Afro-descendant coastal communities, which are already highly vulnerable due to their geographic location, high levels of poverty, limited access to health services, water and sanitation, among others. Likewise, their level of preparation to face said events is very limited or non-existent. Furthermore, projections indicate that extreme weather events will become more frequent and stronger, which, together with the high vulnerability of these communities and their low level of preparation, requires immediate actions that generate the necessary capacities in the communities to reduce their vulnerability and increase their resilience to climate change.

Coastal communities have several barriers to be able to address the climatic risks that they face recurrently, which are mentioned below:

1. Non-existent and/or very poor quality water, health, sanitation, drainage and infrastructure services, which increases their level of vulnerability to climate change.
2. Limited access to livelihoods that allow them to have access to the necessary resources to prepare for and survive the losses caused by recurring extreme weather events.
3. Lack of knowledge and information about the adaptation measures that may be required to be able to face climate risks.
4. Limited capacities of local organizations to access climate financing and implement adaptation measures.
5. Limited financial resources to be able to implement adaptation measures to face the climatic risks to which they are exposed.

This proposal is an EDA intervention; therefore, the specific projects have not yet been identified since they will be designed and proposed by the communities themselves through the process defined for this purpose within the framework of this project. The specific adaptation measures proposed for financing within the framework of this program must be included within the priorities established by the country in its NDC-HN document. (Secretaria de Recursos Naturales y Ambiente., 2021), and specifically in the contributions and measures/actions of the NDCs identified in Table 3 framed in the sectors sovereignty and food security, human health, biodiversity and ecosystem services, infrastructure and socioeconomic development, water resources and that prioritizes the development of mechanisms of Financing to finance adaptation actions for vulnerable groups.

Table 3. Alignment of the EDA Program with the updated document of the NDC of Honduras.

Components	Sectors	Contributions	Measures/Actions
Social Inclusion	Cross-cutting	<b>Social Contribution G6.</b> By 2030, Honduras commits to develop and implement a gender and climate change strategy to guarantee gender-responsive implementation of the NDC that includes lines of action that promote access for women, PIAHs, and young people to new technologies, green jobs and market and financial opportunities.	<ol style="list-style-type: none"> <li>1. Gender-responsive early warning community systems for floods and droughts, particularly in indigenous and Afro-Honduran communities in coastal areas.</li> <li>2. Contingency and risk management plans with a gender approach to climate risks built in a participatory manner, including women throughout their life course, PIAH and young people.</li> <li>3. Establishment of a family orchard initiative for PIAH women and young people that provides technical and financial support to improve these family orchards and the marketing of products to generate income and contribute to the household economy.</li> </ol>
Adaptation	Water resources	<b>Contribution in Adaptation A3.</b> In 2023, the National Water Policy will have been prepared and the Water Authority created, in addition to strengthening the National Meteorological Network among all the institutions that generate hydroclimatic information.	<b>Measure 1.</b> Increase in water storage capacity for water resilience (multi-use reservoirs, multi-use reservoirs, and temporary dikes for drought).
	Biodiversity and ecosystem services	<b>Contribution in Adaptation A4.</b> By 2030, the management plans for protected areas will have been updated with the adaptation component	<b>Measure 9.</b> Reforestation and restoration of degraded ecosystems (restoration, reforestation of productive rural landscapes).
	Agri-food	<b>Contribution in A5.</b> In 2025, the country's Participatory Agrifood Tables will have been	<b>Measure 3.</b> Strengthening of human capacities in the agri-food sector for adaptation (capacity strengthening, adaptation capacities of production

		formed and strengthened, in adaptation measures, with their early warning systems working.	systems to the impacts of climate change, efficient water use technologies).  <b>Measure 4.</b> Actions for prevention and response to extreme events, with emphasis on drought and floods (reduction of impacts of droughts and floods in the sector, food security through sustainable agri-food production).
	Infrastructure and Socioeconomic Development	<b>Contribution in Adaptation A7.</b> In 2025, Municipal Land Management Plans- PMOT and/or Municipal Development Plans with a focus on adaptation and a gender focus will have been updated.	<b>Measure 11.</b> Adaptation to climate change in urban environments (resilient housing, urban green spaces, storm drainage in cities, integration of climate change in development plans and sanitation networks)
	Cross-cutting	Contribution in Adaptation A9. By 2025, there will be financing mechanisms for adaptation actions for vulnerable groups (women, youth and PIAH).	<b>Measure 14.</b> Financing mechanisms for vulnerable populations (rural savings banks to improve ACC capacity for women, access to credit, and access to markets for the rural population).
Financing		<b>Contribution in F1 Financing.</b> By 2030, Honduras commits to adopt an Investment Plan with a Climate Change Financing Strategy and a carbon market architecture.	Strengthen the national capacities of institutions for the identification, design and management of climate change initiatives, including the mobilization of financing resources and the design of mechanisms to manage financial resources from national and international sources, including the private sector.

Table 4 below identifies the different types of projects that may be financed under the EDA project for each sector.

**Table 4. Indicative project types that will be financed through the EDA program**

<b>Activity area</b>	<b>Types of projects that can be financed</b>
Management of coastal zones. Disaster risk management in order to reduce the exposure of coastal communities in the program's area of influence to climate-related hazards and threats.	Gender responsive community early warning systems for floods including the establishment of Emergency Operations Centers.  Construction and/or improvement of storm drainage systems to reduce the impact of flooding in the communities affected by the program.
Infrastructure for increase the adaptive capacity of the health, education, water, sanitation, and drainage systems in the communities targeted by the program.	Construction and/or restoration of dikes and wave-breaking barriers that are compatible with the environment to protect the coast from erosion and flooding caused by waves and the currents of rivers and lagoons.  Construction and/or improvement of the infrastructure of health centers, educational centers, drinking water systems and sanitation systems in the project communities in response to the impacts of climate change and its variability
Ecosystems. Increase the resilience of mangrove ecosystems in response to stress induced by climate change and variability.	Design and execute strategies and restoration plans for mangroves on the coasts and the lagoon system in the area of influence of the program.
Agriculture and Livelihoods. Strengthen and diversify livelihoods and sources of income for vulnerable people, focusing on women in the area of influence of the program	Design and implementation of climate-smart agriculture projects oriented towards inclusive markets.  Design and implementation of income diversification projects for women and excluded groups.  Design and implementation of financing mechanisms to facilitate financing to vulnerable groups in the communities.

The EDA project proposes a modality of direct climate financing to local organizations to increase their capacity to respond to the effects of climate change through the direct implementation of adaptation measures. For this process to be successful, the capacities for the identification, design and implementation of adaptation projects of local organizations will be strengthened.

Because the specific interventions have not yet been identified, the project includes Unidentified Projects (USPs). To that end, the project will support the communities with the following actions:

1. Strengthening of local organizations in their managerial, legal, administrative and financial capacities required for the execution of the projects in order to guarantee compliance with their fiduciary obligations required for the implementation of Adaptation Fund projects.
2. Strengthening of local organizations in their capacity to identify, formulate and manage the financing of projects to implement the adaptation measures to climate change required in their communities, ensuring compliance with the environmental and social safeguards of the Adaptation Fund and compliance with the national environmental and social regulations relevant to said projects.
3. Strengthening of the technical capacities of local organizations to implement the projects that have been approved in order to guarantee the successful execution of the subprojects.

### **Program objectives:**

The program proposal is designed for the Direct Access Improvement Mechanism (EDA) of the Adaptation Fund involving national, subnational and local entities in the design and implementation of climate change adaptation projects in the coastal communities of the Muskitia de Honduras. In line with the objective of the EDA, the program will contribute to increasing decentralized decision-making and financing for adaptation at the local level in Honduras.

**The Program's General objective** seeks to contribute to increasing the adaptive capacity and climate resilience of the vulnerable Miskitu, Garífunas, Pech and Mestizo communities of the marine-coastal region of the municipalities of Juan Francisco Bulnes and Brus Laguna with emphasis on the protection of their livelihoods, assets and ecosystem services.

The Program's Specific Objectives are the following:

1. Develop the institutional capacities of local entities for the development and execution of projects that increase the resilience to the effects of climate change in the Garífuna and Miskito communities of Juan Francisco Bulnes and Brus Laguna.
2. Establish a grant financing scheme under the EDA program that allows the identification, review and approval of project proposals that contribute to climate change adaptation of the Garífuna and Miskito communities of the municipalities of Juan Francisco Bulnes and Brus Laguna.
3. Manage EDA program grants to finance the implementation of climate change adaptation measures in selected communities.
4. Promote the development and management of knowledge and information on climate change at the local, national and international level.

Through the EDA program, local communities will be empowered to access international climate financing to design and implement solutions for climate change adaptation at the local level.

The Program's theory of change is shown below in Figure 9.

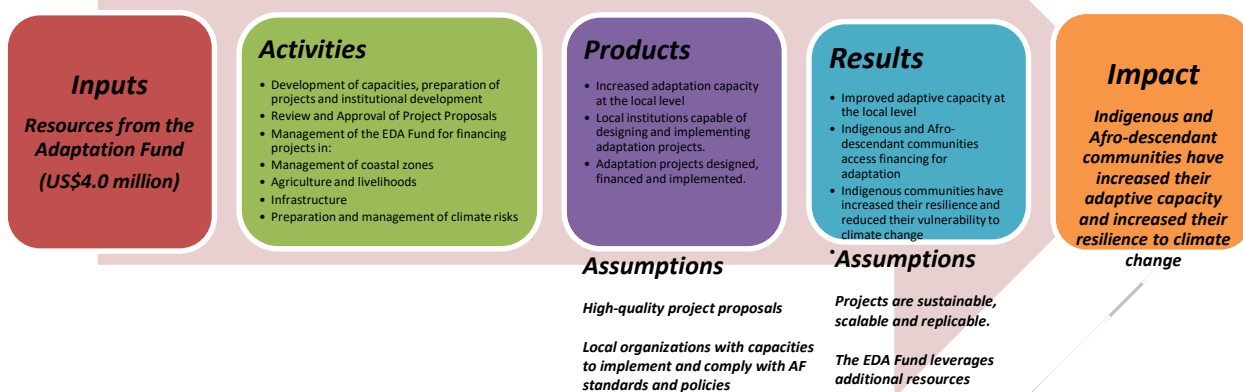


Figure 9. EDA Program Theory of Change.

The duration of the program will be 4 years. It is planned to carry out at least one call for proposals, seeking applications for adaptation projects submitted by the local executing entities.

Because this proposal uses the direct access modality, it is not possible to state in detail the exact results that the program will deliver, as it would be possible to do for a specific project proposal. In fact, most specific outcomes and products will only be known once proposals are received and approved through the EDA process. However, the proposal may still be aligned with the Adaptation Fund Results Framework. It is noteworthy that, in addition to the EDA modality itself, the program will include training and education for local organizations in aspects related to their institutional development and capacity to design and implement climate change adaptation projects. This will include training on how to request grants, as well as technical assistance support to strengthen the proposals. It will also include training and capacity building to execute grants for successful applicants, providing guidance and advice on all aspects of financial and project management, including reporting.

First, the EDA modality will directly contribute to the following results, outputs and indicators at the fund level:

**Outcome 2:** Strengthening institutional capacity to reduce risks associated with climate-induced socioeconomic and environmental losses. The development and application of the EDA modality itself, and the training provided to develop proposals and manage them, will provide greater institutional capacity for adaptation. Specifically it will contribute to product 2.2.

- **Product 2.2:** Increased readiness and capacity of national and subnational entities to directly access and program adaptation finance.
- **Indicator 2.2.1:** Number of people who benefit from direct access and improved modality of direct access.

EDA-funded projects will generate a set of results that align with the following relevant Fund results, although the exact alignment will depend on the projects funded, but will likely include results aligned with the following results framework of Adaptation Fund:



**Outcome 3.** Strengthening of awareness and appropriation of the processes of adaptation and reduction of climate risks at the local level.

**Outcome 4.** Increased adaptive capacity in relevant development sector services and infrastructure assets.

**Outcome 5:** Increased ecosystem resilience in response to stress caused by climate change and variability.

**Outcome 6.** Diversification and strengthening of the livelihoods and sources of income of vulnerable people in specific areas.

**Outcome 8:** Support for the development and dissemination of innovative adaptation practices, tools and technologies.

Details of the alignment can be found in table 12 in the implementation arrangements section of the program proposal.

## Program Components and Financing:

*Fill in the table presenting the relationships among project components, activities, expected concrete outputs, and the corresponding budgets. If necessary, please refer to the attached instructions for a detailed description of each term.*

The program will be implemented through the EDA mechanism and will be executed by calling on national, subnational and local entities to make project proposals to obtain financial resources that allow them to finance the adaptation activities required to reduce vulnerability and increase their resilience to the climate change of the populations in the coastal communities of the area of influence of the program.

The call for proposals will be restricted to national, subnational and local entities with a presence and influence in the area covered by the program and that have the experience and capacities required to execute the actions proposed in the projects and that are stipulated in the components of the program. Eligible local entities may be:

- **Representative organizations of indigenous and Afro-descendant peoples.** Includes MASTA, communal and territorial Indigenous councils.
- **Women's organizations.** Includes local and regional women's entities that bring together indigenous and Afro-descendants women in order to develop productive activities and/or respect their rights.
- **Public entities.** Includes regional Ministries of Natural Resources and Environment, Agriculture, Health, Education, ICF, and COPECO, among others. It also includes municipalities in the program's area of influence.
- **Civil society organizations.** Includes local and regional women's entities that bring together indigenous and Afro-descendant women in order to develop productive activities and/or respect their rights, local community boards and associations.
- **Business organizations.** Includes producers of crops, animals, fish, and/or any economic and/or commercial activity that generates income, especially for low-income people and excluded groups.
- **Non-governmental Development Organizations.** Includes local, regional, national and/or international entities with experience in the execution of development and/or climate change projects in rural communities with the participation of indigenous and/or Afro-descendant populations in Honduras.

It is noteworthy that any local entity that intends to design and execute climate change adaptation projects within the framework of the program must have the endorsement of the community population that will benefit from the program's resources through the implementation of the projects. .

Likewise, national public entities that intend to carry out climate change adaptation projects within the framework of the program must use local personnel to carry out actions in the communities who have knowledge of the territory and speak the language of the beneficiary populations. In the event that local personnel cannot be obtained, a written Non- Objection must be obtained, with prior justification, from the Program's Technical Steering Committee to hire personnel who are not from the program's area of influence.

The EDA Program consists of 4 components, which are described in the table below, including the definition of the expected results and products, as well as the budget proposal for each of the components.

Components of the Program	Expected Concrete Output.	Expected Outcomes	(US\$)
<p>1. Development of institutional capacities of local entities for the design and execution of adaptation projects.</p>	<ul style="list-style-type: none"> <li>• Milestone 1. Strengthened Local Executing Entities</li> </ul> <p><b>Product 1.1:</b>Local entities obtain their legal status and administrative, financial and managerial capacities for the management and execution of financial resources within the framework of the execution of climate change adaptation projects.</p> <p><b>Product 1.2.</b>Local entities have the capacities to develop project proposals to directly access financing for climate change adaptation measures.</p>	<p><b>Outcome 1.</b>Strengthened the institutional capacity of local entities for the design and implementation of projects that promote the implementation of adaptation measures to climate change.</p>	<p>\$77,000</p>
<p>2. Review and approval of adaptation project proposals.</p>	<ul style="list-style-type: none"> <li>• Milestone 2. Call for proposals launched</li> <li>• Milestone 3. Contracts signed with local entities</li> </ul> <p><b>Product 2.1.</b>Design of the bases of the call to submit project proposals for the implementation of adaptation measures to climate change prepared.</p> <p><b>Product 2.2.</b>Project proposals for the implementation of approved climate change adaptation measures.</p> <p><b>Product 2.3.</b>Grant contracts signed with local entities for the execution of climate change adaptation projects.</p>	<p><b>Outcome 2.</b>Improved governance at the national level for the climate change adaptation financing management process.</p>	<p>\$103,500</p>

<p>3. Management of EDA Program grants to finance the implementation of climate change adaptation measures in selected communities.</p>	<p>• Milestone 4. Climate change adaptation projects executed by local entities</p> <p>The focus will be on the following areas:</p> <ol style="list-style-type: none"> <li>1. Management of coastal zones</li> <li>2. Resilient Services Infrastructure</li> <li>3. ecosystems</li> <li>4. Sustainable agriculture and diversification of livelihoods</li> </ol> <p>Depending on the projects to be financed, the following products may be obtained.</p> <p><b>Product 3.1.</b>Emergency Operations Centers (EOC) at the local and/or municipal level established and equipped.</p> <p><b>Product 3.2.</b> Build and/or improve the infrastructure of health centers in the project communities in response to the impacts of climate change and its variability.</p> <p><b>Product 3.3.</b>Build and/or improve the infrastructure of educational centers in the project communities in response to the impacts of climate change and its variability.</p> <p><b>Product 3.4.</b>Build and/or improve drinking water supply systems and sanitation systems at the level of each home and/or community.</p> <p><b>Product 3.5.</b> Design and execute strategies and restoration plans for mangroves on the coasts and the lagoon system in the area of influence of the program.</p> <p><b>Product 3.6.</b>Build and/or restore environmentally compatible dikes and wave break barriers to protect the coast from erosion and flooding</p>	<p><b>Outcome 3.</b>Reduced national exposure to climate-related hazards and threats.</p> <p><b>Outcome 4.</b>Increased the adaptive capacity of the health, education, water and sanitation, and drainage systems in the communities targeted by the program.</p> <p><b>Outcome 5.</b>Increased resilience of mangrove ecosystems in response to stress induced by climate change and variability.</p> <p><b>Outcome 6.</b>Strengthening and diversification of livelihoods and sources of income for vulnerable people, focusing on women in the area of influence of the program.</p>	<p>\$3,022,500</p>
---	--	--	--------------------

	<p>caused by waves and currents from rivers and lagoons.</p> <p><b>Product 3.7.</b>Build and/or improve storm drainage systems to reduce the impact of flooding in the communities affected by the program.</p> <p><b>Product 3.8.</b>Design and implementation of climate-smart agriculture projects oriented towards inclusive markets.</p>		
4. Management and development of knowledge on climate change adaptation measures.	<p><b>Product 4.1.</b>Adaptation practices, tools, and technologies that are generated, and/or replicated, and/or scaled at the subnational, national, and international levels.</p> <p><b>Product 4.2.</b> A proposal to scale up the EDA Program prepared.</p>	<b>Outcome 7.</b> Supported the development and dissemination of adaptation practices, innovative tools and technologies.	\$79,000
5. Project/Program Execution cost			\$3,282,000
6. Total Project/Program Cost (11.97%)			\$393,000
7. Project/Program Cycle Management Fee charged by the Implementing Entity (if applicable) (9.90%)			\$325,000
<b>Amount of Financing Requested</b>			<b>\$4,000,000</b>

**Projected Calendar:**

*Indicate the dates of the following milestones for the proposed program*

Milestones	Expected Dates
Start of Project/Program Implementation	01/01/2024
Mid-term Review (if planned)	12/31/2025
Project/Program Closing	06/30/2027
Terminal Evaluation	12/31/2027

## PART II: PROJECT / PROGRAM JUSTIFICATION

**A.** Describe the project / program components, particularly focusing on the concrete adaptation activities of the project, and how these activities contribute to climate resilience. For the case of a program, show how the combination of individual projects will contribute to the overall increase in resilience.

The program will be executed under the Enhanced Direct Access (EDA) modality, which is why **Calls for Proposals (CFP)** will be made so that local entities can submit their projects that allow them to obtain the financial and technical resources necessary to be able to implement adaptation measures in order to reduce their levels of vulnerability and increase their resilience to climate change. The CFP will be restricted to local institutions such as indigenous and Afro-descendant organizations, Non-Governmental Organizations, community-based organizations such as boards of trustees, women's organizations, excluded groups, groups of producers and micro-entrepreneurs, municipalities, regional offices of government institutions and any other institution that has strong ties with the communities in the project's area of influence and has the technical and financial capacity to carry out projects requested by local communities. The detail of the type of eligible local entity has been defined in the previous section of this program proposal.

The program will promote the presentation of project proposals that fall within the two windows detailed below. These windows may be reviewed and adjusted during the process of review and development of the Call for Proposals as long as the type of investment proposed and the minimum percentage of 60% participation of women in the benefits of the interventions are maintained:

### Window 1. Infrastructure resilient to climate change.

<b>Aim</b>	Reduce the vulnerability to climate change of coastal indigenous and Afro-descendant communities, populations and their infrastructure.
<b>Investment Types</b>	<ul style="list-style-type: none"> <li>▪ Emergency Operations Centers/shelter centers</li> <li>▪ Conservation and reforestation of mangrove forests</li> <li>▪ Construction and/or repair of barriers, dikes and/or breakwaters.</li> <li>▪ Construction and/or repair of drainage systems in the communities</li> <li>▪ Construction and/or repair of water and sanitation systems</li> <li>▪ Construction and/or repair of health centers and schools</li> </ul>
<b>Eligible fields</b>	<ul style="list-style-type: none"> <li>▪ Training and technical assistance</li> <li>▪ Infrastructure and equipment</li> <li>▪ Operating expenses</li> </ul>
<b>Scope</b>	<ul style="list-style-type: none"> <li>▪ Grant amount between US\$50,000 and 300,000*</li> <li>▪ At least 60% of the beneficiaries are women</li> <li>▪ At least 90% of the beneficiaries are indigenous and/or Afro-descendants.</li> <li>▪ A project can include several communities</li> <li>▪ The total amount available for this window is US\$2,000,000</li> <li>▪ It is expected to finance at least 10 projects for this window.</li> <li>▪ Projects must be executed within a period of 12-30 months.</li> </ul>

\*The amount of the resources assigned to each project will be defined by the level of investment required for each project and the execution capacity of each executing local entity.

**Window 2. Climate-smart Agriculture and diversification of livelihoods.**

<b>Aim</b>	Address the direct or indirect impacts of climate change on agricultural production, food security, and livelihoods of the people most vulnerable to climate change in the program's area of influence.
<b>Investment Types</b>	<ul style="list-style-type: none"> <li>▪ Promotion of agricultural and livestock production</li> <li>▪ Promotion of family gardens</li> <li>▪ Productive and commercial enterprises of women, young people and people with some kind of disability.</li> </ul>
<b>eligible items</b>	<ul style="list-style-type: none"> <li>▪ Training and technical assistance services</li> <li>▪ Infrastructure and equipment for productive activities</li> <li>▪ Establishment of rural savings banks and seed capital revolving mechanisms</li> <li>▪ Operating expenses</li> </ul>
<b>Scope</b>	<ul style="list-style-type: none"> <li>▪ Grant amount per project between US\$40,000 and 120,000*</li> <li>▪ At least 80% of the beneficiaries are women.</li> <li>▪ 100% of the beneficiaries are indigenous and/or afro-descendants.</li> <li>▪ A project can include several communities</li> <li>▪ The total amount available for this window is US\$1,000,000</li> <li>▪ It is expected to finance at least 15 projects for this window.</li> <li>▪ Projects must be executed within a period of 18-30 months.</li> </ul>

**\*The amount of the resources assigned to each project will be defined by the level of investment required for each project and the execution capacity of each executing local entity.**

In total, it is expected to finance a minimum of 25 projects for a total investment of US\$3,000,000. The projects will be disbursed and executed in a maximum period of 30 months. The program will have 4 complementary components. The first component will work on developing and strengthening the capacities of local entities to design and execute climate change adaptation projects. The second component will carry out the selection and approval process for adaptation projects submitted by local entities. The third component will make disbursements and project execution. Finally, in the fourth component, the development and management of knowledge on adaptation measures to climate change and its dissemination will be promoted. Likewise, based on this generated knowledge, a Profile for a broader program will be prepared that allows the replication and scaling of the program.

The general execution process of the EDA program is summarized in Figure 10.

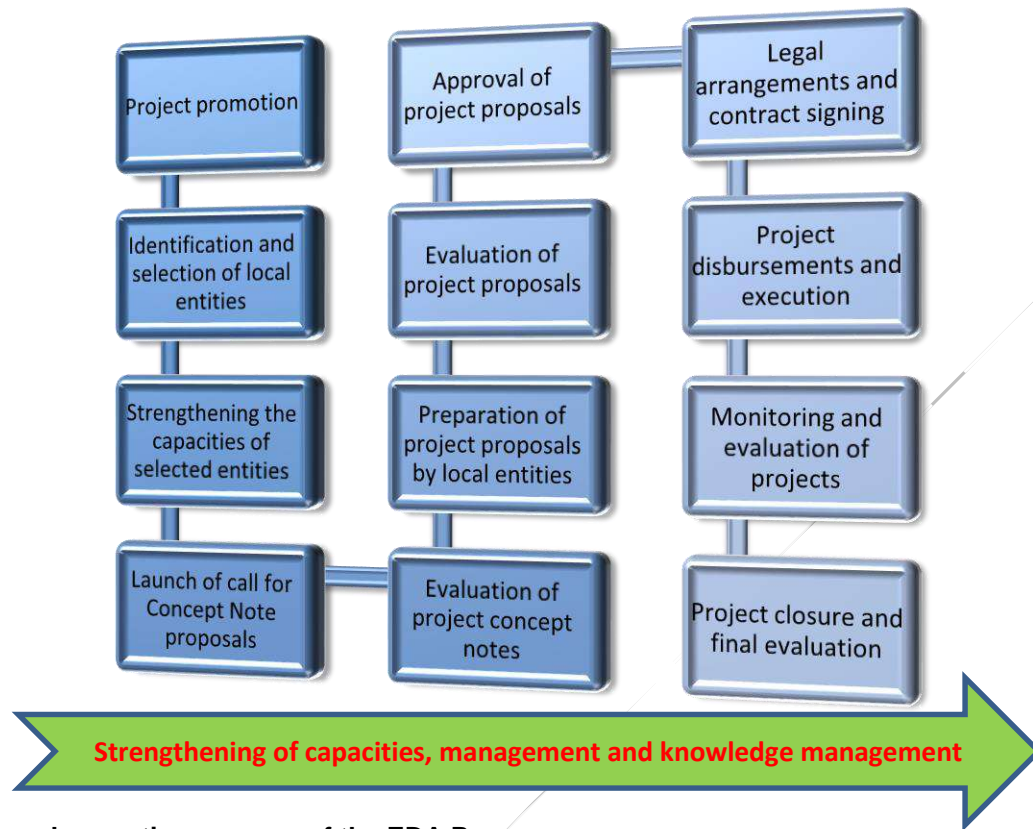


Figure 10. General execution process of the EDA Program.

### Component 1. Development of institutional capacities of local entities for the design and execution of adaptation projects.

Through this component, it will be possible to identify, evaluate and strengthen the institutional capacities of local entities for the design and implementation of projects that promote the implementation of adaptation measures to climate change and at the same time promote the availability of financial resources and the mechanism through which said entities may access them. To achieve this component, it is proposed to develop the following activities:

#### 1.1. *Promotion of the program, identification and selection of local entities.*

1.1.1. Organization of events to promote the program and access to resources for national, subnational and local entities. Events to promote the program will be held in the different communities in the program's area of influence in order to explain its operation and the process by which local communities can access the program's resources. Specific actions will be carried out to guarantee the effective participation of women.

1.1.2. Identification and pre-selection of eligible entities. Eligible entities may be public or private entities, civil society, organizations representing indigenous and/or Afro-descendant groups, grassroots organizations such as boards, youth organizations, women, the elderly, the disabled, producers, etc. Entities that do not originate from the region may be eligible as long as they demonstrate work experience in the area and/or relevant experience in the subject of the project to be implemented and have the express



mandate of the local communities to carry out proposal on their behalf. The pre-selection of eligible entities will be carried out through, at least, the review of the following elements:

- a. Organization and legal framework
- b. Organizational structure and culture
- c. Financial and accounting management capacity
- d. Ability to carry out procurement processes and bidding for goods and services as well as for the execution of projects
- e. Experience in the design and execution of projects and/or programs that achieve the effective participation of women in the benefits of the project.
- f. Representation and connection with the local communities where the entity intend to execute the project.

The selection of the entities will be made through the application of an evaluation of the financial management capacities in order to determine the level of capacities that the local entities have to design and execute projects with external financing sources. To carry out said evaluation, the program team will prepare a tool that will be applied after its approval by the Technical Steering Committee (TSC) of the program, which must include at least the following elements:

1. Organization and legal framework
2. Organizational structure and culture
3. Financial management
4. Procurement policies and procedures.
5. Management of projects and programs

The document to carry out the evaluation of each local entity can be found in annex 1.

Based on the results of the evaluation, the entities will be classified into three categories.

- **Eligible entities.** These are the entities that have demonstrated through the evaluation that they have the minimum capacities required to execute projects under the EDA program.
- **Entities with potential to be eligible.** These are the entities that have demonstrated that they have most of the capabilities required to execute projects under the EDA program and that, with a capacity building plan, can achieve such accreditation in the short term.
- **Ineligible entities.** These are the entities that have not been able to demonstrate that they have the minimum capabilities or the potential to acquire them in the short term. These entities will be recommended to join with entities that are eligible so that they can carry out the formulation and execution of the projects that their communities require.

In summary, the program will be able to continue working with the entities that, as a result of the evaluation, are eligible and/or have the potential to be eligible to receive financing from the EDA program for the execution of climate change adaptation projects.

For each of these entities, the program will develop a capacity building plan with the objective of filling the capacity gaps identified in the evaluation, as well as ensuring that they have the necessary knowledge and capacities to ensure compliance with fiduciary standards, the environmental and social policy and the gender policy of the Adaptation Fund.

#### 1.2. *Implementation of the institutional development plans of the entities.*

The implementation of the institutional development plans of the entities will be carried out with the support of the project staff and/or the contracting of specific specialized consulting services for the execution of the plan. As part of the plan, training activities will be included to ensure that the entities manage and are capable of applying the gender policy and the environmental and social policy of the Adaptation Fund, as well as the transfer of tools and capacities for the incorporation of gender in activities and benefits of the project.

*1.3. Monitoring and evaluation of the execution of institutional development plans.*

The monitoring and evaluation of the execution of the development plans will be carried out by the project team in order to guarantee the development of analyzes that allow the identification of lessons learned to guide the program execution process.

This component will be executed by ASONOG.

**Component 2. Review and approval of adaptation project proposals.**

Execution of this component will allow the selection, review, and approval of adaptation project proposals submitted by local organizations to receive financing with program resources. Through the execution of this component, the design of the bases of the call to present project proposals for the implementation of adaptation measures to climate change will be carried out. The bases must be very explicit that the projects must ensure a high participation of women in the activities and benefits. Once the concept note proposals and project proposals have been received, they will be reviewed and evaluated based on a series of criteria defined for this purpose. Once the project proposals are approved,

The following stages will be developed for the execution of this component:

*2.1. Preparation of the process for the call to submit proposals for project concept notes.*

The program team will prepare all the necessary documentation for the Call for Proposals including a detailed explanation of the entire process, selection criteria for the selection of concept notes for projects and local executing entities, regulations, manuals, procedures, formats , as well as information on all policies related to compliance with fiduciary standards and environmental and social safeguards of the Adaptation Fund required throughout the process of identification, design, evaluation, approval and implementation of project proposals. The Secretary of Natural Resources and Environment (SERNA) will take advantage of the experience it has in the execution of similar programs such as the Adaptar C+ Program, which is executed with UNDP and financed with resources from the Global Environment Fund. Likewise, the experience of CASM and other entities such as AeA will be capitalized in the execution of the PRAWANKA Program, which is executed jointly with CASM with financing from COSUDE.

*2.2. Launch of the call for local entities to submit proposals for project concept notes under this program.*

Once all the documentation required to carry out the launch is available, including its approval by the Strategic Steering Committee (SSC) of the program, the Launch of the Call for the presentation of proposals for project concept notes will proceed under the EDA Program. The

conditions for the Call will be the following:

- a. The participation of eligible local entities that have previously been identified and trained in component 1 will be promoted. This includes municipal governments, local and/or national NGOs with a mandate to work in the region, grassroots organizations, local government institutions,
- b. The focus will be on the application of climate change adaptation measures prioritized in the NDC in the sectors of Coastal Zone Management, Sustainable Agriculture and livelihoods, Management and Restoration of Mangrove Ecosystems, and resilient infrastructure in indigenous and Afro-descendant coastal communities of the municipalities of Juan Francisco Bulnes and Brus Laguna.
- c. The design and execution of the subprojects must comply with the policies and procedures of the Adaptation Fund in relation to the application of fiduciary standards, environmental and social policy and the gender policy of the Adaptation Fund, as well as compliance with the legislation and local and national technical standards.
- d. Project proposals must guarantee the active participation of women in project activities and, above all, ensure that they access to the benefits the projects will deliver.

The launch will be done through a public event where all communities and local entities in the area of influence of the program will be invited. All the bases of the call will be available in digital format on a website of the program and physically at the offices of the municipalities of Brus Laguna and Juan Francisco Bulnes, the local office of the program and any other place that is convenient and indicated. Likewise, the technical team of the project will carry out at least one promotional event in each of the communities in the area of influence of the project in order to motivate the participation and preparation of projects by local entities.

The package that each local entity will present must include at least the following:

1. Documentation of the Entity. Information that demonstrates legal, technical and financial capacity to execute climate change and/or development projects.
2. Project Concept Note Document. Technical and financial information on the design of the project, including details on the implementation arrangements, consultation process, gender assessment, and any other information required in accordance with the template the Program will develop for this purpose following the example included in Annex 2.

### **2.3. *Evaluation of project concept note proposals.***

Once all the concept note proposals have been received, a review (check list) will be carried out to confirm that the packages are complete and include all the required information. Proposals that do not provide all the required information and/or submitted outside the call deadline will not be evaluated. Once the integrity of each of the proposals received has been confirmed, a preliminary evaluation will be carried out based on the evaluation criteria defined for said purpose.

The evaluation of the concept note proposals will be carried out by the Technical Steering Committee of the program, which will be made up of representatives of CASM, PCO-SERNA and ASONOG. The evaluation will be carried out on two levels.

- a. Fiduciary Capacity of the Local Entity. The minimum eligibility criteria would be the following:
  - a. It has valid legal status and is up to date with the fulfillment of its legal obligations
  - b. Has proven experience in executing projects of at least two years for NGOs. If it is a base entity, the requirement is reduced to one year.
  - c. The entity has the capacity to manage funds.
  
- b. Project Eligibility. The minimum eligibility criteria are as follows:
  - a. Potential impact on climate change adaptation.
  - b. Potential to generate additional economic, social and environmental benefits.
  - c. Alignment with the policies and strategies, plans and commitments of the country, as well as national legislation.
  - d. Alignment with environmental and social policy and gender policy of the Adaptation Fund.
  - e. Participation of women in project activities and in the benefits generated by them.
  - f. Value for Money. Efficiency and effectiveness of project actions to achieve its results.

The local entities that have submitted the concept notes that meet the minimum criteria and that have the minimum capacities for financial management will be invited to prepare a complete proposal and will receive technical assistance from the program to accompany the process of preparation of the concept notes as well as support in carrying out studies that are required as part of the formulation of the project proposal.

Once the preliminary evaluation of eligibility has been carried out, the PCO-SERNA will send a formal invitation to the entities that have passed the preliminary evaluation of eligibility to submit a complete project proposal.

#### **2.4. Preparation of Complete Project Proposals.**

Local entities that have received the invitation to prepare the complete proposal will have a maximum of 3 months to prepare and submit it for approval by the program. The program will provide specialized technical advice required to support the proposal preparation process, including support in the generation of relevant information for the preparation of the proposal, such as the development of consultation processes with interested parties, gender evaluation and evaluations of risks and vulnerability, among others.

The technical support for the preparation of the proposals, including the development of specific studies, will be provided to the local entities by ASONOG directly through its staff or through the hiring of consultants and/or specialized firms in the required topics.

Since the projects are not yet identified, they may include various adaptation measures that help coastal communities increase their resilience to climate change. Table 5 below shows a detail of some types of projects and activities that could be financed by the Program and that have been validated with the communities during the consultation process carried out as part of the program design process.

**Table 5. Types of adaptation projects and activities that the EDA Program could finance.**

<b>Project Type</b>	<b>Example of activities that could include</b>
Establishment of Emergency Operations Centers (EOC) at the local and/or municipal level established and equipped	<p>Training of personnel for the operation of the Emergency Operations Centers/shelter centers.</p> <p>Awareness activities for the general population to prepare for floods caused by tropical storms and hurricanes.</p> <p>Installation and temporary maintenance of communication equipment, transportation, water ambulance with basic equipment for emergency care, etc.</p> <p>Construction, equipment and temporary maintenance of shelter centers, including access to energy, water, sanitation, kitchen, special and adapted areas for children, young people, people with special abilities, the elderly, etc.</p>
Construction and/or improvement of the infrastructure of health centers in the project communities in response to the impacts of climate change and its variability.	<p>Improvement and/or construction of a health center with materials and/or design that reduce its vulnerability and increase its resilience to winds and floods caused by climatic events.</p> <p>Improvement and/or provision of water, sanitation and energy services that resist any effect of winds and floods and that increase the possibilities of being operational, during, before and after an emergency.</p> <p>Equipment of cold systems and/or equipment with basic medical equipment that guarantees the sustained operation of health centers at all times.</p>
Construction and/or improvement of the infrastructure of educational centers in the project communities in response to the impacts of climate change and its variability.	<p>Improvement and/or construction of educational centers with materials and/or design that reduce their vulnerability and increase resilience to winds and floods caused by climatic events.</p> <p>Improvement and/or provision of water, sanitation and energy services that resist any effect of winds and floods and that increase the possibilities of being operational, during, before and after an emergency.</p>
Construction and/or improvement of drinking water supply systems and sanitation systems at the level of each home and/or community.	<p>Technical and financial feasibility studies for the design, construction, operation and maintenance of drinking water and sanitation systems at the level of individual and/or community solutions.</p> <p>Improvement and/or construction of drinking water and sanitation systems at the level of individual and/or community solutions</p> <p>Establishment of collection systems and sanitation systems at the family and/or community level.</p>
Design and implementation of strategies and	Identify and select mangrove areas to conserve and restore.

<p>restoration plans for mangroves on the coasts and the lagoon system in the area of influence of the program.</p>	<p>Assess the vulnerability of mangroves to climate change and variability.</p> <p>Design and execute mangrove restoration and reforestation plans, promoting community participation.</p>
<p>Construction and/or restoration of dikes and wave-breaking barriers that are compatible with the environment to protect the coast from erosion and flooding caused by waves and the currents of rivers and lagoons.</p>	<p>Technical and financial feasibility studies for the construction and/or restoration, operation and maintenance of dikes and breakwater barriers.</p> <p>Restoration and/or construction of dikes and breakwater barriers.</p>
<p>Construction and/or improvement of storm drainage systems to reduce the impact of flooding in the communities affected by the program</p>	<p>Technical and financial feasibility studies for the construction and/or improvement, operation and maintenance of storm drainage systems in the communities.</p> <p>Construction and/or improvement of storm drainage systems in the communities</p>
<p>Design and implementation of climate-smart agriculture projects oriented towards inclusive markets</p>	<p>Climate-smart agriculture projects in crops on the banks of rivers and/or in the plains. It may include, among others, the establishment of protected agriculture projects, irrigation systems adapted to the area, seeds resistant to droughts and/or extreme floods, among other feasible adaptation measures with a high probability of success.</p> <p>Business projects of various kinds that allow diversifying and increasing the income of the most vulnerable people such as single women, young people and the disabled. This may include the development of any business activity that generates and/or increases the income of vulnerable people and thus reduces their vulnerability to climate change.</p> <p>Design and implementation of training and technical assistance programs that promote the implementation of adaptation measures to climate change in their productive activities on the banks of rivers and/or plains, as well as the development of ventures for vulnerable groups that promote diversification livelihoods and sources of income. These programs will support the development of business, financial, technical and climate change adaptation capacities of the relevant stakeholders in the program's area of influence.</p> <p>Design and implementation of financing mechanisms such as seed capital, rural savings banks, among others that facilitate</p>

	investment by vulnerable groups in productive infrastructure, equipment, and working capital for the implementation of adaptation measures to climate change and/or investment in activities income generation that contributes to their food security. The implementation of these mechanisms will make it possible to leverage the investments required by the people of the communities for their business initiatives and for the implementation of adaptation measures required to increase the resilience to climate change of their productive activities.
--	---

It is noteworthy that the projects must guarantee the participation of at least 60% of women in them. This percentage may increase according to the type of window to which it is applied.

## 2.5. Technical evaluation of full project proposals.

The technical evaluation of the full project proposals will be done through a Technical Steering Committee that will be made up of CASM, PCO-SERNA and at least three independent experts. ASONOG will participate in the committee for any clarification on the proposals presented and will not have the right to vote since they will have been part of the process of preparing such and therefore there would be a potential conflict of interest. The PCO-SERNA will act as secretariat of this committee and will prepare a report on the evaluation of each proposal including its recommendation on the approval or not of each proposal to be submitted to the Program's Strategic Steering Committee for its approval. Full project proposals will be evaluated according to the following criteria:

- **Impact Potential.** This criterion will evaluate the impact potential that the project proposal has to generate a concrete and measurable impact in increasing the resilience and/or reducing the vulnerability of communities and their inhabitants to climate change.
- **Potential to generate additional economic, social and environmental benefits.** Will evaluate the potential of the project to generate tangible and measurable economic, social and environmental benefits in the target population of the project.
- **Alignment with the policies and strategies, plans and commitments of the country, as well as national legislation.** Through this criterion, it will be guaranteed that the adaptation measures proposed in the project are aligned with the adaptation measures proposed in component 3 of the program and therefore aligned with the policies, strategies, plans and international commitments and legislation of the country in terms of climate change adaptation.
- **Alignment with the environmental and social policy and gender policy of the Adaptation Fund.** All project proposals must ensure that their activities are aligned with the environmental and social policy, as well as the gender policy of the Adaptation Fund and that it has the necessary mechanisms and tools to guarantee compliance during the execution of the project.
- **Value for Money.** This criterion evaluates the profitability of the investment to be made in the financing of the project. Specifically, the efficiency and effectiveness of the interventions proposed in the project will be evaluated.
- **Inclusion of women.** Through this criterion, it will be guaranteed that women have effective access to the activities and benefits generated by each of the projects. Specifically, it is

expected that at least 60% of the project beneficiaries will be women. This percentage may increase according to the window to which the project accesses resources.

An evaluation matrix with each one of the evaluation criteria and weight to carry out the selection of project proposals that will receive financing from the program will be prepared and approved by the Program's Strategic Steering Committee at the beginning of the program.

**2.6. *Due Diligence of local entities.***

After the evaluation of the project proposals by the Technical Steering Committee and before sending it for approval by the Strategic Steering Committee, a review process (due diligence) will be carried out on the required institutional capacities of the entities that the technical steering committee will submit to the Strategic Steering Committee for the approval of financing for the execution of the project. This due diligence process will include, among others, the evaluation of the managerial, financial, administrative, accounting and procurement capacities of the entities.

**2.7. *Approval of the proposals by the Strategic Steering Committee of the program.***

The Program's Strategic Steering Committee will meet to discuss the approval of the complete proposals that have been submitted by the Technical Steering Committee for approval. The Technical Steering Committee will present to the Strategic Steering Committee a document containing a technical evaluation of each project proposal, a due diligence of the local entities that will execute the projects and a recommendation for approval or not of the proposal including conditions, in if there are any, for the approval of the proposals. The Strategic Steering Committee may or may not approve the proposals submitted by consensus or vote when there is no consensus. Likewise, the Committee may include additional conditions to approve a proposal if it deems it necessary. The conditions that are included should always be linked to the disbursement plan. The decisions of the Strategic Steering Committee are final; therefore, they are irrevocable and unappealable.

**2.8. *Negotiation of contract conditions and conditions prior to signing.***

Once the proposals have been approved by the Strategic Steering Committee, the process of negotiating the contract with the local executing entity will begin, as well as compliance with the prerequisites and preparation of the necessary documentation for the signing of the contract.

**2.9. *Contract signing.***

The signing of the contracts will be between PCO-SERNA and the local executing entity. The execution of this component will be under the responsibility of the PCO-SERNA and for the same will coordinate closely with CASM and ASONOG all the activities of the component.

The selection and approval process for project proposals can be described in Figure 10.

Any proposal that does not pass any of the steps indicated in Figure 10, may be evaluated again, after making the adjustments required by the corresponding instances. In the event that a proposal does not go through some of the steps indicated above and the corresponding instances indicate that it does not have the potential to be approved, even if they make adjustments to it, it will be communicated to the corresponding entity at the appropriate time



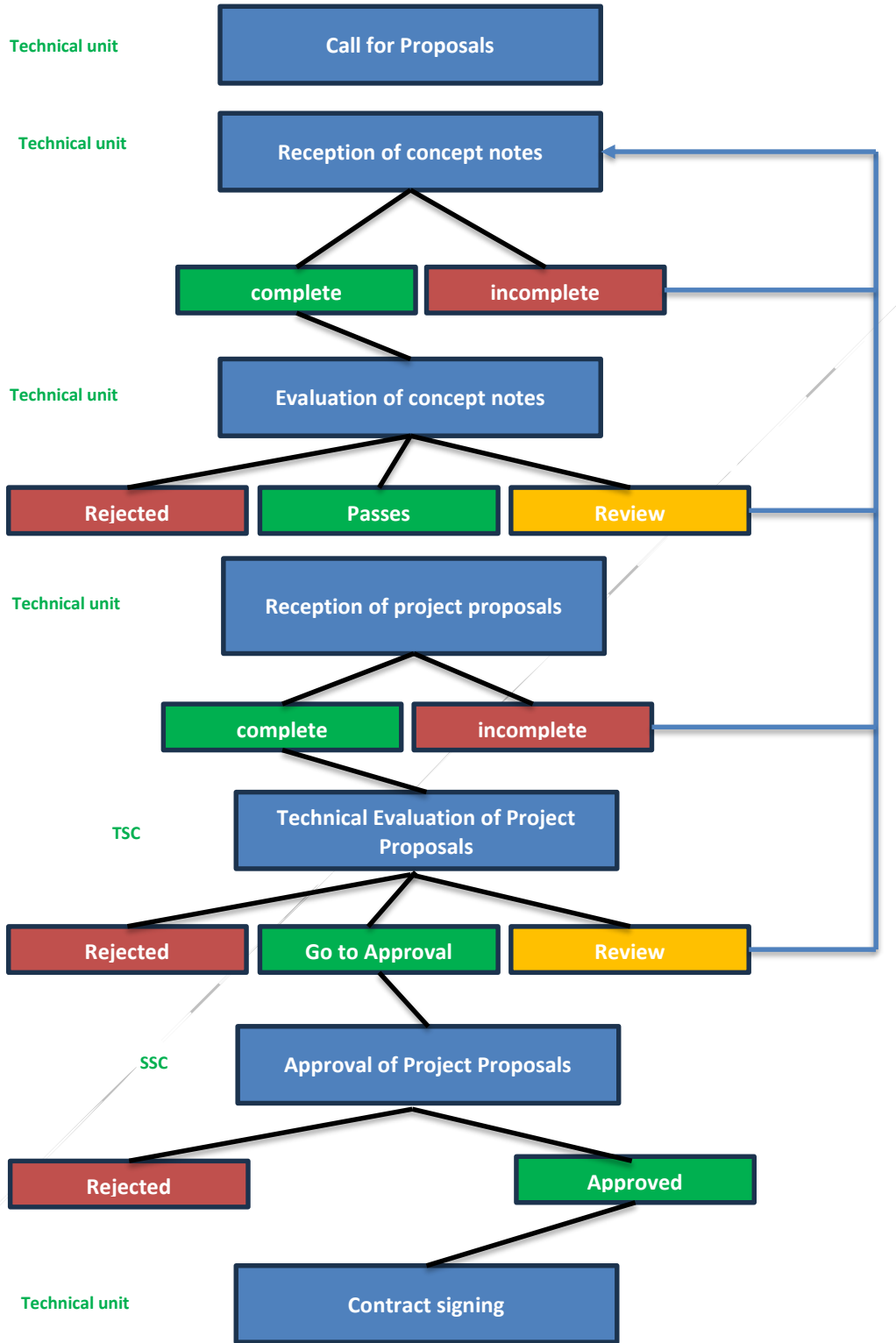


Figure 10. Description of the proposal evaluation process

### **Component 3. Management of EDA Program Grants to finance the implementation of climate change adaptation measures in the selected communities.**

This component is essential since through it concrete investments will be made in adaptation measures in the coverage area of the program with the participation of local entities.

The general responsibility for the execution of this component will be under the responsibility of the PCO-SERNA, which has the expertise and installed capacity required in administrative, financial, programming, monitoring, and project evaluation processes. Likewise, SERNA will have timely technical support from ASONOG to provide technical support to local executing entities in the execution of their projects.

In addition, it will have the specialized support of CASM as the national implementing entity in monitoring the technical and financial execution of the Program, as well as advice on compliance with fiduciary standards, environmental and social policy, and the gender policy of the Adaptation Fund, preparation of technical and financial reports and support in solving any problem that requires a response from the Adaptation Fund.

The following activities will be carried out for the execution of this component.

#### *3.1. Execution of disbursements to projects.*

Once the contracts for the execution of the projects have been signed, disbursements will be made to the projects in accordance with the disbursement plan agreed in each contract for each project. The disbursement plan will vary according to the type of project to be financed; however, it is expected that they will be aligned as follows:

1. First disbursement. Up to a maximum of 20% of the contract amount no later than 15 days after signing the contract and upon compliance with any condition linked to the first disbursement.
2. Subsequent disbursements will only be made when at least 80% of the previous disbursement has been executed and justified to the satisfaction of PCO-SERNA, and compliance with the project's technical and financial reports is up-to-date, and the project is not pending delivery of any documentation of a technical and/or financial nature.

#### *3.2. Follow-up on the execution of the financed projects.*

Project execution will begin once disbursements begin. The execution of the projects will include technical assistance activities by the program to support the strengthening of the execution capacities of the subprojects of the local entities.

3.2.1. Technical assistance to local executing entities. In order to ensure a standard execution process and compliance with environmental and social policies and safeguards, as well as the gender policy of the Adaptation Fund. The program will provide specialized technical assistance to each of the local executing entities. Technical assistance will have two modalities;

- a. Development of basic capacities. This modality will be carried out with all local entities in order to guarantee a standard execution process and compliance with environmental

and social policies and safeguards, as well as the gender policy of the Adaptation Fund. Modality will include, among others, the following topics:

- a. Financial management
- b. Technical and financial reports
- c. Project management and monitoring and evaluation of projects
- d. Procurement processes
- e. Application of the Environmental and Social Policy of the Adaptation Fund
- f. Application of the Gender Policy of the Adaptation Fund.

b. Tailored Capability Development. This modality proposes the provision of training services and technical assistance on an individual basis and will focus on improving specific technical capacities at the technical level on issues of climate change adaptation with the aim of supporting the project implementation process by the local executing entities. These capacity development actions and their respective budget must be included in the project approved for the local executing entity as a separate component.

3.2.2. Monitoring of project execution. Once the execution of the projects has begun, activities will be carried out to monitor its execution and to be able to make the required changes in case of deviations in its execution. The basis for monitoring and evaluating the projects is the logical framework of the project, where the indicators agreed between the parties and which are aligned with the Program are defined.

The process of M&E will include quarterly technical and financial reporting based on standard formats developed for this purpose. These reports will be the basis for the executing entities to inform the implementing entity and this in turn informs the Secretariat of the Adaptation Fund. Special emphasis will be placed on ensuring that results disaggregated by sex, ethnicity, and age are achieved.

3.3.3. Intermediate evaluation. Halfway through the evaluation period, the PCOO-SERNA will carry out an intermediate evaluation of each one of the projects. The evaluation will include a review of the progress in the technical and financial execution of the project, as well as a review of the level of satisfaction of the final beneficiaries with the results of the project. Based on the results of the evaluation, a midterm evaluation report will be prepared that will include the main findings and/or deviations in the project roadmap, a discussion on lessons learned and improvement actions and/or adjustments that have been agreed to be carried out in the execution of the project. In the event that the proposed adjustments to the project as a result of the midterm evaluation process are material in terms of budget and scope in compliance with the project's products and indicators, these changes must be reflected in the contract,

3.3.4. Project closure. Project closure is done once all technical activities and disbursements have been completed and technical and financial reports have been prepared and delivered. The closure of the projects will be ensured upon the delivery of all the technical and financial reports of the project, as well as an external audit of the project, if applicable, in accordance with the guidelines of the program on this matter.

3.3.5. Final Evaluation of the Program. At the end of the execution of the project, a final evaluation of the impact of the project must be carried out.

This component will be executed under the responsibility of PCO-SERNA with contributions from ASONOG and CASM when required.

#### **Component 4. Management and development of knowledge about the execution of the Program**

The execution of this component will focus on the generation, exchange and systematization of knowledge on the implementation of adaptation measures to climate change through the direct access modality in order to contribute to the empowerment of local and national actors in the prevention of climate risks and the implementation of adaptation measures to climate change.

##### *4.1. National/international exchange workshops on the implementation of climate change adaptation measures*

The program will organize and implement at least one workshop to exchange experiences on the implementation of adaptation measures to climate change that are applicable to coastal communities in the area of execution of the program. The exchange will support the communities in the identification of adaptation measures that are feasible to execute in their communities and, based on this, will support the preparation of their project proposals to obtain financing from the Program.

##### *4.2. Knowledge exchanges between local executing entities on the implementation of adaptation measures in the area of influence of the program.*

Once the projects are in full execution, exchange events will be promoted between the communities so that experiences on the execution of the different adaptation measures that are being carried out can be shared. These events will promote the exchange of knowledge on the application of adaptation measures between the different communities and promote their adoption.

##### *4.3. Systematization of Case Studies on experiences and lessons learned from the EDA program.*

Based on the results of the exchanges of experiences between the communities and complemented by the follow-up and documentation of the implementation of the most innovative and successful adaptation measures, the program will generate case studies in order to systematize the knowledge generated as part of the implementation of the project on the tools and technologies applied, such as the development of models where special emphasis is placed on the role of women and other excluded groups.

##### *4.4. Design and execution of a communication strategy for the EDA program*

From the beginning of the implementation of the program, a communication strategy will be designed that will be executed during the entire period of execution of the program. The objective of the strategy will be to communicate about the relevant activities and results of the execution of the program at the local, national, and international level. Through this strategy,

info graphics, press releases, articles, videos, posters, interviews and any other communication product that promotes the visibility of the results and the impact of the program will be created.

The communication strategy will be implemented using different communication channels which will be defined based on the target population to which the message is to be communicated. Within these channels, radio, television, newspapers, YouTube, and all social networks can be used, as well as the organization of online webinars through platforms such as Zoom, Teams, Facebook Live, among others.

At the beginning of the implementation of the program, the terms of reference for the development of this activity will be developed, which will be approved by the Technical Steering Committee of the Program.

#### 4.5. EDA program scaling proposal.

The knowledge generated during the implementation of the program on practical tools and innovative technologies for climate change adaptation, as well as management and/or implementation models with the participation of Garifuna and Miskitu communities and the effective inclusion of women will be used by the program to generate a proposal that allows replication and scaling at the level of the entire territory of the Muskitia.

This component will be executed under the responsibility of ASONOG.

**B.** Describe how the project / program provides economic, social, and environmental benefits, with particular reference to the most vulnerable communities, and vulnerable groups within communities, including gender considerations. Describe how the project / program will avoid or mitigate negative impacts, in compliance with the Environmental and Social Policy and Gender Policy of the Adaptation Fund.

Taking into account the high level of economic and social exclusion of the region and of the indigenous and Afro-descendant populations that live in the area of influence of the program, the execution of the program under the Direct Access modality will generate tangible economic, social and environmental benefits and intangibles in the most vulnerable communities and populations, especially women, youth, boys and girls, and older adults of the Miskitu, Garifuna, and Pech ethnic groups in the Program's area of influence.

The execution of the projects within the framework of the program will provide economic, social and environmental benefits, especially to the most vulnerable people in the communities.

At this time, the economic, social and environmental benefits cannot be quantified because the projects have not yet been identified due to the fact that the program will be developed under the EDA modality and therefore the identification and quantification of the economic, social and environmental will be carried out at the time of designing each project to be financed by the program. To this end, during the formulation process of each project, the program will provide local entities with the required technical support. In this sense, each of the projects must include a baseline and specific goals broken down by sex, ethnicity and age to be achieved for each of the following relevant indicators for each project:

### **Indicators related to economic benefits**

- # of new enterprises established in the communities disaggregated by sex, ethnic group and age.
- # of people who increase their income disaggregated by sex, ethnic group and age.
- # of families that reduce their expenses to attend to damages caused by emergencies during a flood.
- % reduction in crop and animal losses after a flood.

### **Indicators related to social benefits**

- # of families that do not have food security problems before, during and after a flood.
- % reduction in sick people disaggregated by sex, ethnicity and age due to diseases caused by vectors and water contamination after a flood.
- # of families that have access to permanent water and sanitation services.
- # of days of classes received by young people, boys and girls per year.
- % reduction in people displaced by floods
- # reduction in families losing their belongings due to flooding.

### **Indicators related to environmental benefits**

- # of hectares of mangroves restored and/or conserved
- # of meters of breakwater barriers built
- # of people benefited by the construction of drainage systems in their communities.

Below are some of the economic, social and environmental benefits that are estimated to be obtained with the implementation of each of the projects financed by the program.

### **Economic benefits.**

The economic benefits will be obtained by:

- Increase in economic and commercial activity in the program's area of influence due to the flow of resources that will be injected into the local economy to finance program activities.
- Creation, diversification and strengthening of income-generating activities in the communities, especially for the most vulnerable and excluded populations such as women, youth, the disabled and the elderly.
- Increase in the income of the most vulnerable populations (women, young people, the disabled and the elderly) as a consequence of the establishment, diversification and strengthening of sources of income.
- Reduction of expenses to attend to the damages caused by floods at the household, crop and health level.
- Increased food security for vulnerable groups (women, youth, boys, girls, the disabled, and the elderly) before, during, and after emergencies caused by climate change events.

### **Social benefits.**

The social benefits that will be obtained will be the following:

- Reduction of vulnerable people (women, youth, boys, girls, the disabled, the elderly) with food security problems.
- Reduction in the number of women who engage in prostitution for money, especially in Miskitu communities.

- Improvement in the access and quality of water, sanitation, drainage and education services for vulnerable people (women, young people, boys, girls, the disabled and the elderly).
- Reduction of people with diseases caused by vectors and water contamination after a flood.
- Reduction of health problems caused by water pollution and by vectors.
- Greater protection of human lives and property by establishing evacuation systems and building safe and functional shelters during floods.
- Strengthening of local capacities to manage climatic events.

### **Environmental benefits.**

The environmental benefits that will be obtained will be the following:

- Protection of communities on the coasts to floods.
- Conservation and increase of biodiversity
- Reduction of salinization of freshwater
- Protection of the mangrove ecosystem.

It is noteworthy that one of the key criteria for the evaluation of the proposals for adaptation projects that will be presented by the local executing entities is the potential that the project has to provide economic, social and environmental benefits, therefore each of the projects must include indicators with their baseline and specific targets for economic, social and environmental benefits.

### **Environmental and Social Safeguards**

The program will guarantee compliance with environmental and social safeguards through the implementation of an Environmental and Social Management Framework (ESMF) that will be developed for this purpose based on the Environmental and Social Policy and the Gender Policy of the Adaptation Fund.

All local entities executing adaptation projects within the framework of the program must carry out an evaluation of their projects in follow-up to the ESMF of the program in order to carry out the environmental and social risk classification of each of the projects from the stage of concept note. The evaluation of the projects will result in any of the following categories of environmental and social risk.

- Category A. In this case, the project is not eligible since the program will not finance projects of environmental and social category A.
- Category B. In this case, the local executing entity must prepare and submit an Environmental and Social Assessment Study as part of the project documentation, including a mitigation and management plan for the identified environmental and social risks.
- Category C. In this case, it is not necessary to prepare an environmental and social evaluation study.

Only category B and C projects may be financed with program resources; category A projects are not eligible.

In order to guarantee that the projects identified, financed and implemented comply with the Environmental and Social Policy and the Gender Policy of the Adaptation Fund, additional

activities have been included in the EDA program to ensure compliance with both policies as described sample below.

In component 1, strengthening of local entities, actions will be developed that allow local entities to understand and manage the fiduciary requirements and environmental safeguards of the Adaptation Fund.

In component 2. Within the framework of the call for proposals, among the documents to be completed, is the evaluation of environmental and social risks for one of the projects to be presented to request financing. Likewise, during the process of supporting local entities in the formulation of their project proposals, the program will train local entities on the evaluation of environmental and social risks in their projects, as well as the development of a plan of mitigation measures. In this sense, during the evaluation process of the project proposals, it will be guaranteed that each project complies with the environmental and social policy and the gender policy of the Adaptation Fund.

Finally, in component 3. during the execution of the projects, the program will provide local entities with training and technical assistance, as well as adequate monitoring of the implementation to guarantee compliance with the environmental and social safeguards of the Adaptation Fund.

### **Gender considerations.**

The Global Gender Gap Index published in June 2023 indicates that in Honduras, at the national level, the gender gap is still high and although there has been some progress, there is still much to do to achieve gender parity. Unfortunately, when we analyze the situation of women in the Miskitu, Pech and Garífuna communities in the program's area of influence, and although there are no structured studies on this matter, we can easily realize that the gender gap is enormous and much greater than the national average of 0.735 (World Economic Forum, 2023), since the responsibility for feeding and caring for the family falls mainly on women and the impact of floods, hurricane winds on agriculture, health, animals, people, water and sanitation infrastructure, schools, mainly affects women and the people who depend on them such as children, young people and older adults. Therefore, they are the people most vulnerable to the effects of climate change and the actions of the program will be aimed at reducing their vulnerability and providing them with the necessary tools that allow them to increase their resilience to climate change.

Taking this reality into account, the program will prioritize its investments in Garífuna, Pech and Miskitu women, as well as in young people, children and older adults under the responsibility of women. To achieve this, several actions have been included as part of the implementation of the EDA program that are detailed below.

### **Impact indicator.**

The focus of the program's investments will be on women. In this sense, the program will have a positive impact on indigenous women in the program's area of influence, as well as on young



people, boys and girls, and older adults, for which at least 60% of the beneficiaries of the program will be indigenous women.

To ensure compliance with this approach, each project proposal approved to be financed with program resources must have a gender action plan, a baseline, and indicators with specific goals broken down by gender, ethnicity, and age.

### **Component 1.**

Activities to promote the program will be carried out ensuring that there is a high level of participation by women, youth, children, and the elderly. To achieve this, promotion will be carried out by coordinating with the women's groups organized in the communities and using the most appropriate communication channels to reach said population. Likewise, the promotional activities will be carried out taking into account the most appropriate hours to ensure the participation of women and the space conditions and necessary arrangements will be provided so that women can attend said meetings with the participation of their minor children.

During the process of strengthening the local executing entities, the participation of at least 60% of women will be ensured, training will be provided on the inclusion of the gender approach in the design and execution of projects, and training will be provided on the policy guidelines of the Adaptation Fund.

### **Component 2.**

The call will be explicit in the requirement of the policies of the Adaptation Fund, including the gender policy. On the other hand, one of the main indicators for the evaluation of concept notes and complete project proposals is the inclusion of at least 60% of women as part of the project beneficiaries. In this sense, in addition to including mostly women as project beneficiaries, projects must include activities that take gender differences into account and therefore ensure effective participation of women in the benefits generated by the projects.

### **Component 3.**

Through its monitoring and evaluation system, the program will guarantee that the necessary conditions are in place for women's participation and that they are effectively accessing the benefits of the projects.

### **Component 4.**

For knowledge exchange events, it will be guaranteed that at least 60% of women participate. Likewise, during the systematization of the case studies, special emphasis will be placed on exposing the role of women in each of the cases. On the other hand, during the design and execution of the program's communication strategy, it will be ensured that the appropriate messages and information channels are used to guarantee women's timely access to information. Finally, the program will ensure that the lessons learned about the role of women

and their access to the benefits of climate change adaptation projects are taken into consideration for the design of the program's scaling proposal.

**C.** Describe or provide an analysis of the efficiency related to the costs of the project or program proposed.

The analysis of efficiency related to the costs of implementing the program will be done taking into account the following options.

Option 1. Program under the direct access mechanism (EDA)

Option 2. Project in the traditional manner.

The analysis has been carried out taking into account the following criteria.

### **Program operating costs.**

Through the EDA program, the operating costs of the program are low, since through a small team investments are catalyzed in each one of the projects, which are executed at the local level by local entities and with a high participation of the local population in the definition of the project and in the monitoring of the execution through the social audit that is expected to be carried out by the communities.

The operating costs through a program executed by one or several institutions require a more extensive technical team of the program and therefore more expensive in terms of financial resources and time.

### **Empowerment of communities**

Through the EDA program, the communities participate actively and effectively throughout the project cycle, from its conception, its execution, monitoring and evaluation of its results. In this way, communities are empowered and ensure that the results of the program respond effectively to the needs of the program's target populations.

In the case of a program executed in the traditional manner, the participation of the communities is less direct and therefore their level of involvement in the design and execution of program activities is lower compared to the direct access mechanism, thus reducing the level of empowerment and ownership of the program and its results.

### **Investment sustainability**

Given that the empowerment of the communities in making decisions about the actions of the program is greater, there is a greater appropriation of the project and its results, so it is much more feasible that the project will be more sustainable over time since the communities Locals

will be more willing to promote the actions of the program/project after the project management team has left.

In the case of traditionally executed programs/projects, local communities tend to have a more passive role and therefore their level of involvement in activities that enable and promote the sustainability of the project/program after the management team leaves tends to be lower and with a decreased level of appropriation of the results of the program/project and therefore less interest in getting involved in the sustainability of the results and actions of the project.

## **Conclusions**

**Greater local investment.** Based on the analysis carried out above, the implementation of the Program under the direct access mechanism has a lower execution cost, therefore, the resources available for concrete investments in adaptation measures in the communities that benefit the target population of the program will be greater and the impact will be greater.

**Greater empowerment of communities and their populations.** The direct access mechanism promotes a greater empowerment of the populations and, therefore, the investments made are more aligned with the real needs of the target populations with greater control of the populations over the delivery of results and benefits expected from the project.

**Greater sustainability of investments in the long term.** As there is a greater empowerment of the target populations regarding the results and benefits of the projects, it is much more feasible for the populations to take ownership of the projects and therefore give them continuity over time, ensuring that the project continues to provide benefits even after it ends and its management team leaves the community.

In summary, according to the analysis carried out, the direct access mechanism is the most efficient and sustainable mechanism over time and, above all, there is a greater probability that the projects and their results will be assumed by the beneficiary population, thus guaranteeing greater efficiency and effectiveness of the investments of the Adaptation Fund.

**D.** Describe how the project / program is consistent with national or sub-national sustainable development strategies, including, where appropriate, national adaptation plan (NAP), national or sub-national development plans, poverty reduction strategies, national communications, or national adaptation programs of action, or other relevant instruments, where they exist.

The EDA program contributes effectively to the implementation of policies, strategies and plans on climate change of the State and Government of Honduras, since it is fully aligned with the National Climate Change Strategy, the National Adaptation Plan, the Document of National Determined Contribution and the Government Plan for the Refoundation of the Homeland and

Construction of the Socialist and Democratic State of President Xiomara Castro as shown below.

### **National Climate Change Strategy.**

The adaptation measures proposed in the Program are framed within the sectors and adaptation measures planned to be implemented in Honduras and in particular in the coastal communities of Honduras in the ENCC. On the other hand, the program proposal under the EDA modality is aligned with action lines No. 1, No. 3 and No. 6 to carry out the process of institutionalization of the ENCC, which are mentioned below;

Action line No. 1. Creation and strengthening of institutional and human capacities. Facilitate the development and improvement of institutional, scientific, legal, technological, managerial, organizational and economic capacities, for the planning, execution, monitoring, evaluation and improvement of national and local efforts to effectively, timely and appropriately address climate change.

Action line No. 3. Strengthening of spaces for consultation and intersectoral and territorial participation. Improve the effectiveness of the participation of relevant actors for adaptation and mitigation, in the different phases of the planning and execution of public policies on climate change, in order to improve knowledge, awareness, appropriation and execution of actions for adaptation and mitigation, and strengthen governance, both at the local and national levels. In the case of indigenous and tribal peoples, their rights in this matter must be considered, and the consultation and participation processes must be based on free, prior and informed consent.

Action line No. 6. International cooperation and financial mechanisms. Take timely and effective advantage of opportunities to mobilize and obtain technical and financial resources at the international, regional and national levels, to enable the execution and follow-up of the ENCC and its Action Plan.

### **National Adaptation Plan (PNA).**

The program is fully aligned with the Honduran PNA. Firstly, it is aligned with the principles of the NAP related to i). Inter-institutional and intersectoral coordination, ii). Recognition and appreciation of the traditional knowledge of indigenous and Afro-descendant peoples linked to climate change adaptation, iii). Participation and social inclusion in the design and implementation of adaptation measures, with special attention to vulnerable groups such as gender equality and in accordance with the needs and potential of indigenous and Afro-descendant groups, iv). Transparency and accountability:

On the other hand, the program is perfectly aligned with the strategic axes and cross-cutting pillars established in the NAP of Honduras, as shown in Figure 11 below:

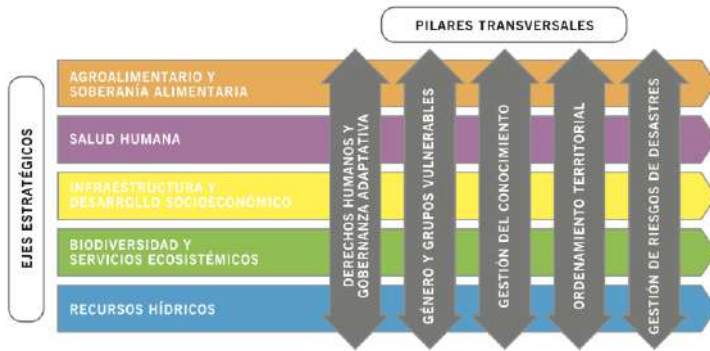


Figure 11. Methodological approach of the National Adaptation Plan of Honduras

### Updated document of the National Determined Contributions of Honduras (NDC-HN).

The program is fully aligned with the contributions and measures that Honduras has defined in its 2021 updated NDC-HN document, especially with the contributions and measures detailed in Table No. 3 of this document.

### Government Plan for the Refoundation of the Homeland and Construction of the Socialist and Democratic State.

The program is aligned with the government plan of President Xiomara Castro, specifically in the following points of the government plan.

*Point 4. Towards a solidary, inclusive and violence-free Honduras.* The program is perfectly aligned with the proposal of point 4.1. Health, the first thing is to live with quality, which establishes the following action proposal:

*“We will remodel all health centers nationwide, we will guarantee water, energy, safety, and sanitation conditions in all health establishments. We will improve the information system, each comprehensive health center will have a laboratory, X-rays, and ultrasound. Each hospital will also have a tomography and a high-level operating room.”*

Likewise, with point 4.3. Education, which establishes the following action proposal.

*“Rehabilitate and repower at least 50% of the school infrastructure during the first year of government, reaching 100% in the third year of government, through community participation mechanisms supported by the municipality and the central government. Once the existing infrastructure has been rehabilitated, invest in the construction of new classrooms and schools in the prioritized areas.”*

*Point 5. Gender: nothing about us, without us.* The program is aligned with the following action proposals:

*“To promote economic and social reactivation through a strategy of insertion and effective and beneficial participation of women in the country's economy, which includes the recognition of all time worked.”*

*“Promote productive agroecological projects in the communities, with a view to building an income alternative for women.”*

*Point 6. Alternative economic model: economic growth and development, bread for all.* The program is perfectly aligned with the proposal of point 6.1. Protection of the environment and agroforestry development, which establishes the following action proposal:

*“Establish a climate change adaptation and mitigation program. In accordance with regional agreements, ensure a) solid materials recycling strategies, b) the reduction of air, water and soil pollution c) monitoring of the carbon footprint of our industry, and d) the prohibition of importing toxic waste.”*

Finally, it is important to mention that the alignment of each project will be guaranteed at the time of their evaluation, since one of the proposed criteria of the set of criteria is the alignment that the activities proposed in the projects have with the ENCC, the PNA and particularly with NDCs.

**E.** Describe how the project / program meets relevant national technical standards, where applicable, such as standards for environmental assessment, building codes, etc., and complies with the Environmental and Social Policy of the Adaptation Fund.

In relation to compliance with national technical standards, all projects to be financed by the program must comply with them in accordance with the type of adaptation measure to be implemented in each project. To guarantee this, local entities will be trained on the different technical standards relevant to the potential interventions to be proposed and that must be complied with, such as environmental impact assessments and any other specific regulation that must be complied with within the framework of the General Law on Environment (Decree 104/1993), The Law of Municipalities (Decree 134/1990, Delegation of Licensing in Municipalities (Decree 181/2007) and any municipal ordinance related to the establishment of commercial, industrial, agricultural, livestock,

To guarantee compliance with the Environmental and Social Policy of the Adaptation Fund in each of the projects, the Program will develop a standard and friendly methodology so that all local entities that are going to execute a project can apply the PAS of the Adaptation Fund. This methodology should explain in a simple way the process to carry out the following activities: (1) identification of environmental and social risks in accordance with the 15 principles of the PAS following a comprehensive and proportional process based on evidence; (2) evaluation of the impacts that are foreseen for the identified risks; (3) identification of appropriate measures to avoid, minimize or manage such impacts; (4) a plan to apply and implement these measures.

On the other hand, since the focus on women and vulnerable groups is very important for this program, for each of the projects it will be ensured that, during the process of formulating project proposals, an exhaustive gender evaluation is carried out and concrete actions are developed to guarantee that women are effectively included in the projects and therefore receive the benefits of these. For this, a simple and friendly methodology will be developed so that local entities can incorporate it into the formulation of the projects. Likewise, specific training will be

developed to guarantee the development of capacities at the local level to guarantee the inclusion of women in climate change projects.

Finally, the program guarantee compliance with national technical standards, the PAS and the Gender Policy of the Adaptation Fund through the evaluation process of the project proposals and during the execution of these through the monitoring and evaluation activities of each project.

**F. Describe if there is duplication of project / program with other funding sources, if any.**

There are different project initiatives in the process of implementation that are or were applying adaptation measures to increase the resilience to climate change of the populations in Honduras. Some of these initiatives are ending in 2023 and others are just starting operations. There is no duplication with any of the projects completed or in the process of implementation since none of them have direct or indirect actions in the area of influence of the program. It is important to indicate that synergies can be achieved with some of these projects through the identification of lessons learned that can be replicated in the program's area of influence. Below, in Table 6, is a summary of the related project initiatives identified.

**Table 6. Relevant project initiatives**

<b>Project</b>	<b>Aim</b>	<b>Implementing Agency</b>	<b>Implementation period</b>
Advancing towards effective conservation and territorial management with a rights-based approach: strengthening indigenous regional cooperation in Latin America	Organizations, IP leaders and environmental defenders in Latin America with greater empowerment and cooperation capacity to prevent and address threats to their territorial management with a focus on rights, gender inclusion and environmental justice	IUCN	2022-2025.
Coastal biodiversity: Regional project for the joint management of ecosystems in the northern triangle of Central America	Reduce overexploitation of mangroves and wetlands	IUCN, GOAL, Rhode Island University	2017-2022.
Ready Coasts: Integrating climate change into marine protected areas and coastal management in the Mesoamerican Reef ecoregion	Implement climate principles in the management of marine protected areas and policy development for the countries that are part of the Central American Reef. To improve climate change adaptation.	CONAP-Guatemala Ministry of Agriculture-Belize MARN-Guatemala MiAmbiente-Honduras	2018-2022
Using Nature-Based Solutions to Increase Resilience to Extreme Weather Events in the Atlantic Region of Honduras, Guatemala, and Belize.	Strengthen the climate resilience of communities and ecosystems in the Atlantic coast region of Honduras, Guatemala, and Belize.	CABEI WRI CATIE	2022-2025

**G.** If applicable, describe the learning and knowledge management component to capture and disseminate lessons learned.

The program will contribute to the organization and execution of exchanges on the implementation of adaptation measures that are applicable to the coastal communities in the area of execution of the program. To this end, local and national events will be organized where,



in addition to national experiences, other international experiences may be included. This exchange will support the communities in the identification of adaptation measures that are feasible to implement in their communities and, based on this, prepare their project proposal to obtain financing from the Program.

Once the projects are in full execution, exchange events will be promoted between the communities so that experiences and lessons learned about the execution of the different adaptation measures that are being carried out can be exchanged.

The program will support, from the beginning of execution, the development of case studies that allow the identification and generation of lessons learned and their dissemination among the local executing entities and other entities at the national and international level. Connected with the case studies, specific documents can be generated about the experiences such as methodologies, procedures, among others that support the replicability of positive experiences in other places. Special emphasis will be placed on the systematization of the role of women and other excluded groups in the implementation of adaptation measures, as well as their participation in the benefits of the actions of specific projects and of the program in general.

From the beginning, the program will develop a communication strategy, which must communicate at the local, national and international level about the activities and results of the Program. For this, different communication products such as press releases, articles, videos, etc. may be used and will be distributed through different channels and/or platforms such as posters, radio, TV, YouTube, website, Facebook, Twitter, Instagram, among others.

Finally, the knowledge generated during the execution of the program will be used to develop a proposal for scaling up the financial mechanism that allows deepening investments in the target communities of the program and expanding it to the entire department of Gracias a Dios.

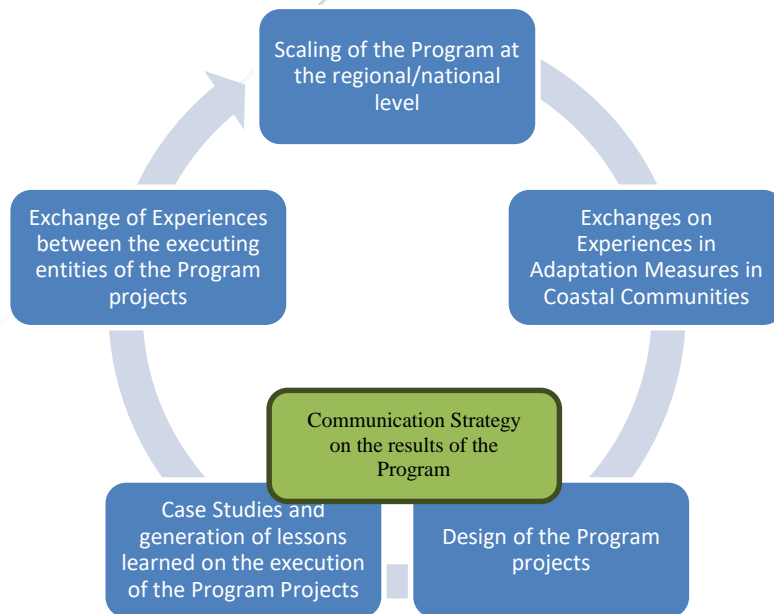


Figure 12. Management process and knowledge development of the program

- H. Describes the consultative process, including the list of stakeholders consulted, undertaken during project preparation, with particular reference to vulnerable groups, including gender considerations, in compliance with the Environmental and Social Policy and Gender Policy of the Adaptation Fund.

The consultation process for the development of this program proposal was carried out from February 27 to March 3, 2023 through a series of meetings with key stakeholders in each of the communities in the program's area of influence, such as women, men, young people, the elderly, people crippled and disabled as a result of bad diving practices, representatives of all the ethnic groups in the area of influence of the Miskitu, Garífunas, Pech and Meztizos program. Likewise, interviews were conducted with representatives of local organizations such as municipalities, territorial councils, women's groups, producers, health centers, schools, among others, as well as local and national authorities representing Honduran state institutions such as the ICF, COPECO, and SERNA, among others.

In Annex 4, you will find the complete report of the consultation process developed for this program.

**Main findings of the consultations.**

The main conclusions of the consultations are the following:

- Communities indicate that tropical storms and hurricanes are becoming more frequent and stronger.
- Torrential rains and strong winds cause flooding in their communities and their crops. Floods come from the sea, rivers and lagoons.
- The communities do not have an adequate evacuation system that allows them to safeguard their lives and those of their families. They indicate that they do not have adequate communication systems, transportation systems, equipped shelters, an ambulance with equipment, and basic medical supplies to care for the population during the emergency.
- The services and infrastructure of water, sanitation, drainage, health and education are of poor quality or non-existent, so when there is a flood all these systems collapse and the waters become contaminated, the number of mosquitoes increases and therefore diseases increase. respiratory, gastrointestinal and those transmitted by vectors such as dengue and Chikungunya, especially in children and the elderly.
- The sources of income in the communities are very limited and therefore when there is an emergency, it deepens since they do not have the cash required to buy provisions and the floods damage the crops causing serious problems of access to food during and after the weather event.
- Neither the communities nor the local and national authorities have the financial resources or the necessary capacities to be able to face the increasingly recurrent floods and therefore carry out the required adaptation measures that allow them to reduce their levels of vulnerability and increase their resilience to climate change. . In this sense, they demand the mobilization of financial and technical resources that allow them to design and execute projects that allow them to improve their capacities to face climatic events.

- I. Provide justification for funding requested, focusing on the full cost of adaptation reasoning.

Honduras is the second poorest country in Latin America and the Caribbean after Haiti. Currently 52.4% of the population lives below the poverty line and 13.3% of the population lives in extreme poverty. Therefore, it has many investment needs and its indebtedness capacity is increasingly limited since currently, its indebtedness level is 47.6% of GDP through 2022 according to CABEL data. It is important to indicate that, due to the country's high vulnerability, a large part of the country's indebtedness has occurred because it has had to make investments in infrastructure that climate events have destroyed. In summary, the high level of government debt does not allow it to access new loans, and on the other hand, high indebtedness generates annual obligations to pay interest and principal on the debt, minimizing the government's ability to invest its own resources or through credit to meet development needs and face the effects of climate change at the same time. On the other hand, the area of influence of the program is an area neglected and excluded from the limited investment programs and projects of the government, the private sector, and international cooperation.

**Baseline Scenario (without resources from the Adaptation Fund).** The Honduran government is aware of the investment needs required to improve living conditions and increase the resilience of indigenous and Afro-descendant populations living in coastal communities with high vulnerability to the effects of climate change. However, as explained before, it does not have the necessary resources to finance the required investments. Therefore, without the resources of the Adaptation Fund it will not be possible to execute the adaptation measures required at the local level to help increase their resilience to climate change.

**EDA Program (with resources from the Adaptation Fund).** The resources of the Adaptation Fund will be used to finance the execution of the EDA Program, managing to provide technical and financial resources directly so that indigenous and Afro-descendant communities with high levels of poverty due to the fact that they have traditionally been excluded from public, private and international cooperation and highly vulnerable to climate change implement adaptation measures to increase their resilience to climate change.

Taking into consideration the high levels of poverty and high vulnerability of the program's target populations, co-financing will not be required to finance adaptation projects; however, leveraging limited local resources for co-financing of projects will be actively promoted.

In addition to mobilizing financial resources, the EDA program will contribute to the development of local capacities to face the effects of climate change. Furthermore, the execution of this program will serve as a pilot project focused on indigenous communities that can later be scaled up and/or replicated at a regional, national, and international level, building on the lessons learned generated during its execution.

J. Describe how the sustainability of the project/program outcomes has been taken into account when designing the project/program.

The design of the program includes a series of activities to ensure the sustainability of its results in the long term.

**Institutional strengthening of local entities.** The program includes a series of activities to strengthen the managerial and technical capacities of local entities for the design and execution of climate change adaptation projects. It is important to indicate that in addition to the technical

capacities in climate change, the local entities will also develop capacities for the application of the environmental and social policy, as well as the gender policy of the adaptation fund. The acquisition of these capacities will allow these entities to continue designing and implementing climate change projects that will allow them to mobilize resources from other national and international entities in the future.

**Development of capacities of the beneficiaries.** The program will promote the development and/or strengthening of the capacities of the beneficiaries in all the adaptation projects that the program finances with the objective of ensuring that the execution of the adaptation measures that are designed and executed are sustainable over time and do not depend on external actors for their implementation.

**Knowledge generation and management.** The program has a specific component with various activities that will promote the generation and exchange of knowledge on climate change adaptation measures among the different local entities and therefore creating a solid and shared knowledge base at the community level on climate change adaptation measures.

**Empowerment of communities.** With the support of their local entities, the communities will design and implement their own climate change adaptation projects. The program, in addition to the financial resources for the execution of the projects, will support them by providing knowledge and tools to ensure that the projects include the correct adaptation measures, include women and the most vulnerable people, comply with national regulations and with the environmental and social policy and gender policy of the Adaptation Fund. Therefore, the projects will be inclusive, will respond to the needs of the population, and will generate economic, social and environmental benefits, thus guaranteeing that they are empowered by the projects and their results in the long term.

**K. Provide an overview of the environmental and social impacts and risks identified as being relevant to the project / program.**

Since this is a direct access program and the projects have not been identified, it is not possible to provide a detailed assessment of the environmental and social risks of the projects to be financed.

For the purpose of this program, an Environmental and Social Management Framework (ESMF) will be prepared with the objective of guiding the local executing entities of the program in the process of identifying and managing potential environmental and social impacts and risks during the process to formulate and implement the climate change adaptation projects. Likewise, the ESMF will be the basis for the program team to ensure that each of the approved projects complies with the Environmental and Social Policy and the Gender Policy of the Adaptation Fund. Through the ESMF, each one of the local executing entities of the projects will be able to identify and evaluate the potential environmental and social risks in each one of the projects, as well as implement and monitor the mitigation measures required in each case. The ESMF must define the process for the identification of environmental and social risks, the evaluation of their potential impact, as well as the different measures to mitigate, reduce or eliminate their impact.

In addition to the ESMF, the program will develop the following activities to guarantee compliance with the Environmental and Social Policy (ESP) of the Adaptation Fund during the execution of each project financed by the program.

- Project evaluation. The program will guarantee that the evaluation process of the projects comply with each and every one of the principles established in the ESP.
- Training of Local Entities on ESP and its application in projects. Since the projects will be identified and designed by local entities, the program will train local entities in the application of the ESP principles and develop a methodology that allows local entities to easily, quickly and uniformly comply with the ESP of the Adaptation Fund during the formulation and execution of the projects.
- Monitoring and Evaluation of Projects. The program will implement a Monitoring and Evaluation process in order to monitor and evaluate the execution of the activities of each project and compliance with the environmental and social safeguards of the Fund.

In line with the guideline document for the implementation of programs and projects with its unidentified projects of the Adaptation Fund, an additional level of due diligence will be carried out to ensure compliance of the proposals with the environmental and social policy and the gender policy of the Adaptation Fund. This due diligence will be carried out by an independent international consultant to ensure compliance. An evaluation of the list of environmental and social principles is presented in Table 7 below.

The program will approve project proposals categorized mainly as category C (low risk) and some projects will be category B (moderate risk). In the case of category B projects, an Environmental Impact Study must be carried out. Based on a preliminary review of the principles of the adaptation fund's environmental and social policy, it is concluded that this proposal can be determined as Category B.

**Table 7. Evaluation of the list of environmental and social principles.**

<b>Check list of environmental and social principles</b>	<b>No further assessment required for compliance</b>	<b>Potential impacts and risks – further assessment and management required for compliance</b>
<i>Compliance with the Law</i>		Since the projects have not yet been identified, there could be a risk that the project does not comply with the existing legal framework in the country. Therefore, during the project evaluation process, the program will ensure that they comply with all relevant regulatory frameworks. Likewise, compliance with this will be monitored during the implementation of the project.
<i>Access and Equity</i>		The EDA modality is designed to provide grants to vulnerable communities. The equitable distribution of benefits is a fundamental condition of this approach and will be guaranteed during the evaluation process of the subproject proposals, it will be included in the contracts with local entities

		and compliance with this principle will be monitored during the execution of the projects. Projects.
<i>Marginalized and Vulnerable Groups</i>		To reduce or eliminate this risk, the process of disseminating the program and the form of access will be carried out extensively in all the communities in the area of influence of the program, ensuring that all the actors representing them have access to the benefits of the program, especially women, children and the elderly and people with special abilities.
<i>Human rights</i>		During the project evaluation process, it will be ensured that all project activities respect and promote the human rights of all people regardless of race, sex, political position or religion.
<i>Gender Equality and Women's Empowerment</i>		All projects must comply with the gender policy. For this, the local entities that propose projects will be trained in it and will be provided with a methodology to be able to carry out the gender evaluation and ensure the inclusion of gender and empowerment of women in the projects. In addition, the inclusion of gender equality and women's empowerment will be a key criterion during the evaluation of the projects.
<i>Core Labor Rights</i>		During the evaluation of the projects, it will be guaranteed that labor rights are respected. Likewise, it will be guaranteed that local entities respect the labor rights of their employees in compliance with the national law on this matter.
<i>Indigenous peoples</i>		The majority of the population in the program area is indigenous and Afro-descendant and, therefore, the main interest groups in the program are Miskitu and Garífunas. The project has been consulted with indigenous and Afro-descendant populations and complies with all national and international regulations on this matter. During the evaluation process, it will be ensured that this principle is fulfilled in each of the projects.
<i>Involuntary Resettlement</i>		Activities are not included, nor will projects that involve the involuntary resettlement of communities be financed.
<i>Protection of Natural Habitats</i>		The program will not finance projects that affect the natural habitat. On the contrary, the activities planned to be developed in the subprojects will contribute positively to the protection of the natural habitat.
<i>Conservation of Biological Diversity</i>		The program will not finance projects that threaten the conservation of biological diversity. On the contrary, during the evaluation, priority will be given

		to projects that contribute to conserving the biological diversity of the program intervention area.
<i>Climate change</i>		The program will contribute to climate change adaptation. In this sense, a key criterion for evaluating projects is precisely the level of positive impact on climate change adaptation expected from the intervention.
<i>Pollution Prevention and Resource Efficiency</i>		The program will not promote the financing of any activity that pollutes the environment. Likewise, the intensive use of natural resources that could lead to their overexploitation is not foreseen.
<i>Public health</i>		The program does not foresee activities that generate a potential public health problem. On the contrary, the program may finance projects that improve the quality of health services for the population.
<i>Physical and Cultural Heritage</i>		The program does not foresee activities that may affect any physical and cultural heritage. Likewise, it will ensure that each project does not have any negative impact related to this issue.
<i>Lands and Soil Conservation</i>		Some potential project activities in the area of agriculture could have a negative impact on soil management. Therefore, during the project evaluation process, it will be ensured that the necessary activities are carried out to reduce or eliminate this risk.

**PART III: IMPLEMENTATION ARRANGEMENTS**

A. Describes the arrangements for project / program implementation.

Figure 13 below describes the relationships between the different entities participating in the execution of the program.

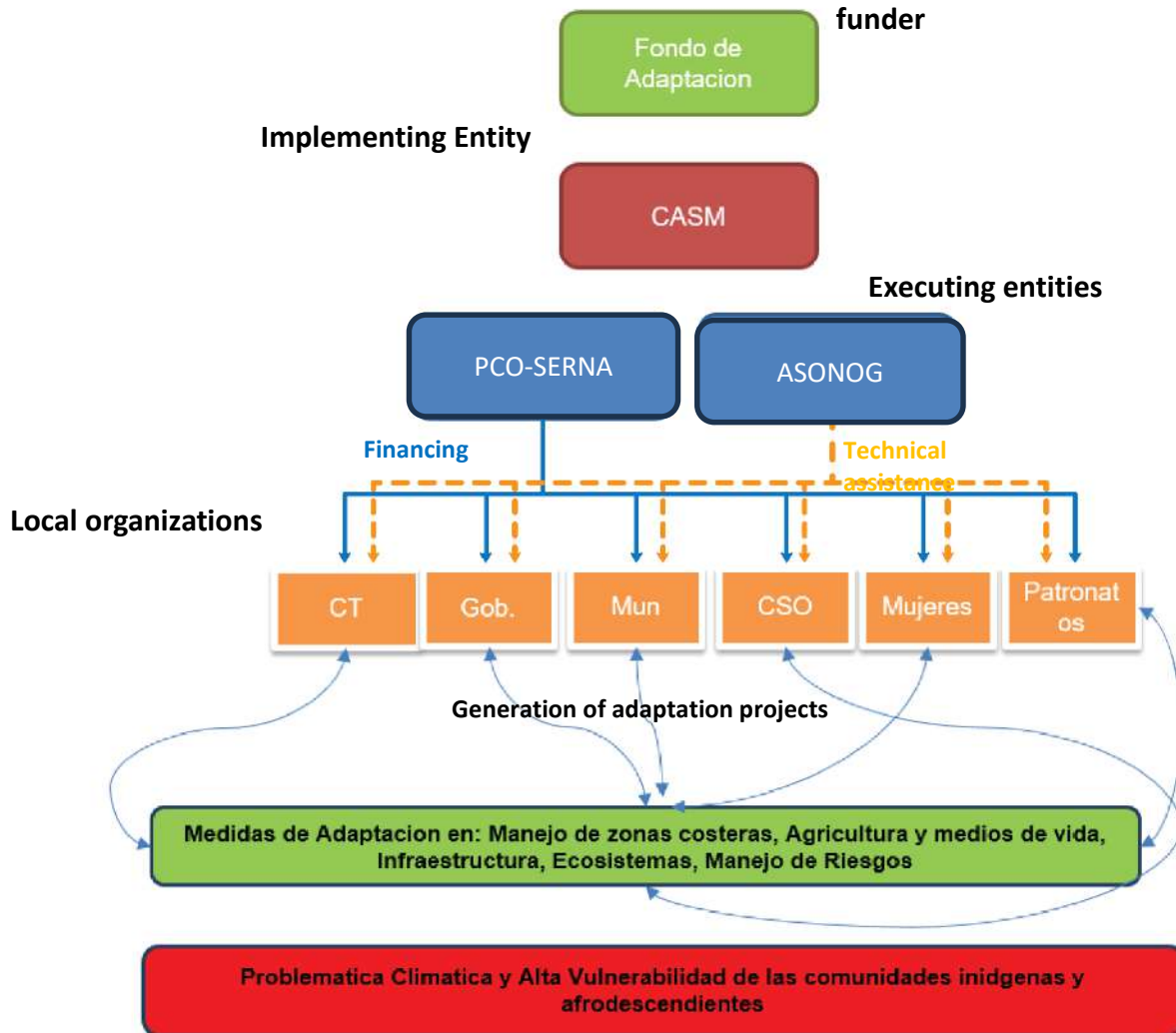


Figure 13. Implementation arrangements for the execution of the EDA Program



## **National Focal Point**

**The Secretary of Natural Resources and Environment of Honduras (SERNA)** is the focal point for various international agreements including Framework Convention on Climate Change, Paris Agreement, Kyoto Protocol, Montreal Protocol on Substances that Deplete the Ozone Layer, Stockholm Convention on Persistent Organic Pollutants, Convention to Combat Desertification, Biological Diversity Convention, Minamata Convention on Mercury. Likewise, it is the focal point of the country before various donors such as the Global Environment Facility, the Adaptation Fund, the Green Climate Fund, the Forest Carbon Partnership Facility (FCPF) among others.

SERNA is the Authority Designated by the Government of Honduras to act as Focal Point before the Adaptation Fund. Therefore, it is the entity that endorses the Program and during the execution of the program it will participate in the Strategic Steering Committee whose main function is to provide strategic orientation to the execution of the program and approve the adaptation project proposals that will receive financing from the program prior to the recommendation of the Technical Committee of the Program.

## **Implementing Entity.**

**Comision de Accion Social Menonita (CASM)** is the implementing entity that will present the program proposal to the Adaptation Fund in its capacity as National Implementing Entity accredited to the Adaptation Fund since 2021.

CASM is a non-profit entity established in 1983 with the mission to strengthen self-management capacities of rights holders such as families and social organizations, who seek to address economic, social, environmental and political injustice.

CASM will be responsible for the general administration of the resources of the Adaptation Fund for the financing of the Project. Therefore, it will transfer the resources received to the executing entities of the project, provide follow-up to the technical and financial execution of all the components of the Project and prepare the technical and financial reports for the Adaptation Fund on the implementation of the Project. Likewise, it will lead the strategic steering committee and the technical committee that will be established for decision-making on the financing of projects presented by local organizations, as well as the approval of work plans, budgets, terms of reference and required methodological tools. for the implementation of the program.

## **Executing entities.**

**The Association of Non-Governmental Organizations of Honduras (ASONOG)**<sup>3</sup> is a network of 18 permanent Civil Society Organizations with their own independence in the execution of programs and projects. ASONOG is a private, non-profit, pluralistic social service entity with a presence throughout the territory of the Republic of Honduras.

ASONOG's mission is to promote the articulation and management of participatory processes to develop the skills of Civil Society to demand human rights with innovative mechanisms based

---

<sup>3</sup><https://asonog.hn/miembros/>

on knowledge management, services and timely, adaptable, resilient and sustainable investments.

Its main action lines include the protection of human rights, gender and inclusion, environmental sustainability and defense of the territory and institutional sustainability.

ASONOG is one of the two executing entities of the program and will be in charge of the following activities:

1. Execute component 1. Development of institutional and technical capacities of local entities for the preparation and preparation of climate change subprojects that it includes.
  - ✓ Identification and selection of local entities eligible to participate in the project
  - ✓ Preparation of diagnoses of capacity needs of local institutions
  - ✓ Development and implementation of training plans for local institutions before and during the execution of the projects.
  - ✓ Preparation of climate vulnerability analysis studies as part of the project proposal preparation process.
2. Execute component 4. Management and management of knowledge that includes.
  - ✓ Preparation of successful case studies of projects financed with resources from the adaptation fund
  - ✓ Systematization of experiences and dissemination of lessons learned.
  - ✓ Communication strategy on the results of the project.
3. Prepare technical and financial reports of the execution of the components for CASM
4. Coordinate with CASM and PCO-SERNA the different activities of the project.

### **The Secretary of Natural Resources and Environment (SERNA) through its Project Coordination Office.**

The Ministry of Natural Resources and Environment through its Project Coordination Office (OCP) is the managing and executing entity supported by various strategic partners that has achieved the approval of important projects. Currently, it implements the following projects:

- Ecosystem-based Adaptation Project in Communities of the Central Forest Corridor of Tegucigalpa (AdaptarC+ Project)
- Comprehensive Environmental Management Project for the Motagua River Basin (ProRio+ Project).
- Environmentally Sound Management of Products and Waste that Contain POPs and the Risks Associated with their Final Disposal (POPs 4 Project).
- Agroforestry Landscapes and Sustainable Forest Management that generate Economic Environmental Benefits at a Global and Local level (Conecta+ Project)
- Support in the design and implementation of the integrated climate change monitoring system for Honduras. (CBIT)
- Protecting biodiversity and recovering degraded ecosystems – RECOVER Honduras.

All of SERNA's actions through the Project Coordination Office (PCO) are aimed at fulfilling the country's strategic objectives, with a results-based management approach in partnership with key actors such as government entities, international cooperation, private companies, indigenous and Afro-Honduran peoples, academia and civil society

Currently, the PCO is executing the AdaptarC+ Project, whose execution scheme is similar to the proposal of this program. In this sense, the Program will take advantage of the experience generated and installed capacity of the PCO to execute the program in a more efficient and expeditious manner.

SERNA is one of the two executing entities of the program and through it will be in charge of the following activities:

1. Execute component 2. Selection and approval of the climate change projects that it includes.
  - a. Preparation of evaluation criteria for project proposals
  - b. Preparation of the flow of the entire process of identification, design, evaluation and approval of project proposals.
  - c. Design and approval of regulations, manuals, procedures and formats required throughout the process of identification, design, evaluation.
  - d. Approval and implementation of project proposals.
2. Execute component 3. Management of the EDA project Fund for the financing of climate projects.
  - a. Negotiation of contract conditions.
  - b. Evaluation of the institutional capacity of local entities with approved projects after signing the contract.
  - c. Ensure compliance with prerequisites and documentation necessary for signing the contract.
  - d. Signing of contracts with local entities.
  - e. Make the disbursements of the financing to the projects
  - f. Provide follow-up and monitoring of project execution
  - g. Coordinate with ASONOG, the provision of technical assistance to local entities during the execution of the project.
  - h. Closing of the projects
  - i. Coordinate the intermediate and final evaluation of the project
3. Prepare technical and financial reports of the execution of the components for CASM
4. Coordinate with CASM and ASONOG the different activities of the project.

## **Program Technical Unit.**

To manage the execution of the program, a Program Technical Unit will be formed, which will be made up of personnel from the two executing entities and must have the following personnel.

- *EDA Program Manager.* Manages the technical team of the program and is responsible for the general coordination of the program and the execution of its activities. She/he must have experience and training in fund management and experience in the management and coordination of development programs and projects. Part of the PCO-SERNA team.
- *Assistant Manager of the EDA Program.* Will be in charge of providing technical support on climate financing and development of project proposals to local entities, providing managerial follow-up to the component of capacity building and knowledge development, as well as supporting the Manager in coordinating the team. Must have experience in formulating climate change adaptation projects, project coordination, and knowledge development and management. Part of the ASONOG team.
- *Investment officer in climate change adaptation projects.* Will be in charge of facilitating the process of analysis, evaluation, and monitoring of disbursements and execution of climate change adaptation projects. Must have experience in the design, evaluation and monitoring of the implementation of climate change adaptation projects. Part of the PCO-SERNA team.
- *Organizational Development Specialist.* Will be in charge of the technical execution of Component I. Capacity development, which includes the identification, evaluation, and institutional strengthening of local entities. Must have experience and training in institutional development and knowledge of climate change. Part of the PCO-SERNA team.
- *Specialist in Environmental and Social Safeguards.* Will be in charge of guaranteeing that the Program in general and the climate change adaptation projects in particular comply with all the guidelines of the environmental and social policy and the gender policy of the Adaptation Fund during its formulation and implementation. Must have experience and training in the application of environmental and social safeguards to development and/or climate change projects. Part of the PCO-SERNA team.
- *Program Monitoring and Evaluation Officer.* Will be in charge of establishing and monitoring the execution of the monitoring and evaluation system of the program in general and of the projects in particular, ensuring the timely measurement of the results and coordinating the development of the midterm and final evaluations of the projects and the program. Must have training and experience in the design and execution of monitoring and evaluation systems for development and/or climate change programs and projects. Part of the PCO-SERNA team.
- *Program Administrative Officer.* Will be in charge of the day-to-day logistical and administrative aspects of the program, supporting the program's technical team in a timely and efficient manner in the execution of its activities. Must have experience and training in administration and logistics in general. Part of the PCO-SERNA team.

The detailed terms of reference for these positions will be defined at the beginning of the program and will be approved by the Strategic Steering Committee. The positions may be joined according to convenience and in order to achieve greater efficiency in the use of

resources. Likewise, with the objective of achieving greater connection with the communities, priority will be given, if there is capacity at the local level, to hire personnel belonging to the ethnic groups in the area of influence of the program or from the department of Gracias a Dios.

### **Executing Entities of the Approved Projects.**

The Program will finance the implementation of adaptation measures at the local level through projects designed and presented by local entities. Local entities include community-based organizations, local, national and/or international NGOs, municipalities, departmental units of government institutions, among others. Proposals may be submitted individually and/or in a consortium. The approval and execution of the projects will be done following the process previously explained in components 2 and 3 of the program and no more than one project will be approved at a time for a single entity. An entity may request resources for a second project only if it has successfully completed the execution of the first approved project.

The program will finance at least 25 climate change adaptation projects divided into two windows, as explained in detail in a previous section. A single call is scheduled to be held. However, if it is not possible to place the funds in the first call, the necessary calls will be made until all the funds are placed, as long as they can be executed within the execution period of the program.

Projects may be executed in a minimum period of 12 months and a maximum of 30 months

The functions of the executing entities of the approved projects are the following:

1. Prepare and submit for approval projects for climate change adaptation
2. Participate in all training and knowledge management activities relevant to your institution.
3. Technically and financially execute the projects that have been approved.
4. Prepare technical and financial reports on the execution of your project to present to the PCO-SERNA.

### **Strategic Steering Committee (SSC).**

The SSC will be made up of a representative of the Mennonite Social Action Commission (CASM), a representative of the Ministry of Natural Resources and Environment, a representative of the PCO-SERNA, a representative of the Muskitia Asla Takanka (MASTA), a representative of the Association of Miskito Indigenous Women (Miskitu Indian Mairin Nani Asla Takanka (MIMAT)

The CASM representative will act as coordinator and the PCO-SERNA representative as secretary of the SSC and without the right to vote. The SSC will meet regularly, virtually and/or in person, once every three months and extraordinarily, when required, at the request of CASM in its capacity as coordinator. For their participation in face-to-face meetings, the costs of mobilizing the representatives of the entities for the SSC meetings will be covered by CASM.

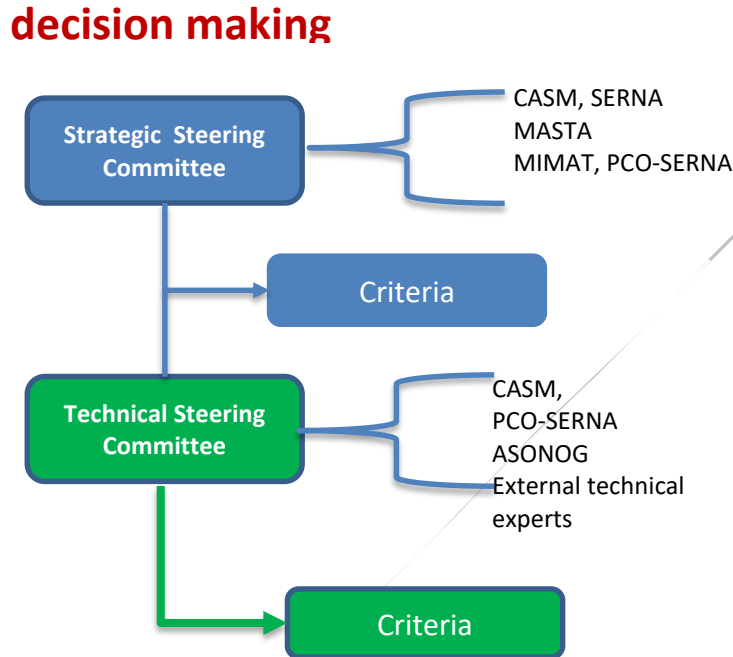
The main functions of the SSC will be the following:

- Provide strategic orientation to the execution of the program.
- Approve financing for proposals for adaptation projects at the proposal of the Technical Steering Committee (TSC) of the Program.

- Give its Non-Objection to the technical and financial reports of the Program prepared by CASM prior to sending them to the Adaptation Fund.
- Give its Non-Objection to any material change in the budget and/or scope of the program and/or projects prior submission by CASM for approval by the Adaptation Fund.
- Facilitate effective coordination among key government authorities for program execution.

The SSC meeting agenda along with supporting information for each agenda item will be shared electronically to all committee members at least 5 business days prior to each meeting.

Figure 14 below describes the governance structure of the EDA program for decision-making at the technical and strategic level.



**Figure 14. Governance structure for decision-making in the EDA program.**

Decision-making will be by consensus of all the members of the SSC and if, after several attempts, consensus is not reached for a particular agenda item, the CASM, in its capacity as coordinator of the SSC, will submit the agenda item to a simple vote. The Secretary of the SCC will record each of the votes of each member of the SSC for each decision made under the simple voting process and said record will be included in the minutes of said meeting.

**Technical Steering Committee (TSC).**

The TSC will be made up of a representative at the technical level of CASM, ASONOG and PCO-SERNA. For the evaluation process of project proposals submitted by local entities, the TSC will also have the support of at least external technical experts hired to participate in the proposal evaluation process.

The CASM representative will act as coordinator and the ASONOG representative will act as secretary of the TSC. The SSC will meet regularly, at least every month and/or when required in an extraordinary way. The meetings will be face-to-face and/or virtual depending on the location of the people participating. In the TST, the technical personnel they consider relevant

for the proper functioning of the program may participate on a timely and/or permanent basis and at the request of the entities. The costs of the participation of the members of the TSC must be covered with the budget assigned to each one of the institutions in the framework of the execution of the program.

The terms of reference for the hiring of these experts will be prepared by the PCO-SERNA and approved by the TSC, before their publication. Likewise, the TSC as a whole will participate in the evaluation process of the candidates for these consultancies. The costs of fees, as well as travel costs of the external experts hired to evaluate the project proposals will be covered with the budget assigned to the PCO-SERNA in the framework of program execution.

The main functions of the TSC will be the following:

- Provide leadership and technical guidance to the execution of the program.
- Approve at the technical level the technical and financial reports of the Program prepared by the executing entities, prior to their submission for consideration by the SSC.
- Evaluate at a technical level any material change in the budget and/or scope of the program and prepare a proposal for approval by the SSC before it is sent by CASM for approval by the Adaptation Fund.
- Evaluate the project concept note proposals submitted by local entities.
- Evaluate the complete project proposals presented by the local entities and submit an evaluation report with its technical recommendation for consideration or not of approval by the SSC of the Program.
- Give its Non-Objection to the technical and financial reports of the Program prepared by CASM prior to sending them to the Adaptation Fund.
- Guarantee effective coordination between the national implementing entity and the executing entities of the program.

The TSC meeting agenda along with supporting information for each agenda item will be shared electronically to all committee members at least 5 business days prior to each meeting. Decision-making will be made by consensus of all the members of the TSC and if, after several attempts, consensus is not reached for a particular agenda item, the CASM, in its capacity as coordinator of the TSC, will submit the agenda item to a simple vote. The secretary of the TSC will record each of the votes of each member of the TSC for each decision made under the simple voting process and said record will be included in the minutes of said meeting.

**B. Describe the measures for financial and project / program risk management.****Table 8. List of identified program risks and mitigation strategies.**

<b>Identified risks</b>	<b>risk type</b>	<b>Risk assessment</b>	<b>Mitigation measures</b>
Institutional weakness of local entities	Institutional	Half	The program includes a component to develop and strengthen the capacities of local entities
Few projects and their low quality.	Institutional	Half	The program plans an intensive socialization process and will provide technical and financial resources to support the identification and formulation of climate change adaptation projects.
Lack of interest in participating from local populations	Social	Low	The consultations have confirmed that the actions provided for in the projects are a need expressed by the communities. Likewise, during the formulation of the projects, consultation processes will be carried out to guarantee effective participation and empowerment of the project by the communities.
Limited participation of women and excluded groups.	Social	Low	The activities of the program are designed to promote the participation and therefore access of women and other excluded groups to the benefits of the program. On the other hand, the program will prioritize the approval of projects that include women and other excluded groups in the indigenous and Afro-descendant communities in the program's area of influence.
Political interference in the approval of projects	institutional	low	The evaluation of the projects will be done with the participation of independent technical experts. Then, they will be approved by the Strategic Steering Committee, which will be made up of different key representatives for the program, effectively reducing any possibility of political interference in the allocation of program resources.
Presence of drug trafficking activities	Social	Half	Program activities should not interfere at any time with illegal activities related to drug trafficking. On the other hand, CASM and the institutions executing the program have a lot of experience and systems in place that allow them to operate effectively in this environment.



Limited presence of government institutions	Institutional	low	Precisely, the program will allow several of these institutions to access resources to increase their presence and respond to the needs of the population in terms of issues related to their vulnerability to climate change.
Expected climate benefits do not materialize	Financial	Low	The interventions will be defined with the communities to solve specific climate problems. In this sense, the benefits will be defined from the beginning of the project.

**C. Describe the measures for environmental and social risk management, in line with the Environmental and Social Policy and Gender Policy of the Adaptation Fund.**

The program will guarantee compliance with the Environmental and Social Policy (ESP) and the Gender Policy of the Adaptation Fund through the following actions:

- Methodology for the application of the ESP and the gender policy in each of the projects. The program will develop a methodology that allows local entities to easily, quickly and uniformly apply the ESP and the Gender Policy of the Adaptation Fund during the formulation and execution of the projects.
- Training of Local Entities on ESP and Gender Policy of the Adaptation Fund and its application in the projects. Since the projects will be identified and designed by local entities, the program will train local entities in the application of the principles of the ESP and the Gender Policy for which it will make use of the methodology developed for the application of the ESP and Gender Policy by local entities.
- Project evaluation. The program will guarantee through the evaluation process of the projects that they comply with each and every one of the principles established in the ESP and the Gender Policy.
- Monitoring and Evaluation of Projects. The program will implement a Monitoring and Evaluation process in order to monitor and evaluate the execution of the activities of each project and compliance with the ESP and the Gender Policy.

**D. Describe the monitoring and evaluation arrangements and provide a budgeted M&E plan, in compliance with the ESP and the Gender Policy of the Adaptation Fund.**

The monitoring and evaluation system will be based on the indicators and means of verification defined in the Results Framework of the program and of each of the projects identified, designed, financed, and executed under the program. In this sense, the monitoring and

evaluation of the program will be carried out at the level of the projects executed by each of the local executing entities that receive resources from the program and at the level of the Program.

**At the level of the Projects executed by local entities.**

The following activities will be carried out:

- The monitoring and evaluation system will be based on the indicators and means of verification defined in the Results Framework.
- **Logic framework.** Each project will have a logical framework that must include the products, results, and indicators broken down by sex, ethnicity, and age, with its baseline and proposed goal.
- **Quarterly reports.** Each local executing entity must present a technical and financial report detailing the physical and financial execution achieved during the quarter and the aggregate execution to date.
- **Financial audit.** For each project, an annual financial audit and a final audit will be carried out in order to confirm that the resources have been used to finance the activities proposed in the projects, the relevant accounting and financial standards have been followed, and the resources have been managed efficiently and efficiently.
- **Intermediate evaluation of the project.** Halfway through the planned execution period, an intermediate evaluation will be carried out, which will include a review of the progress in the technical and financial execution of the project, as well as a review of the level of satisfaction of the final beneficiaries with the results of the project. The midterm evaluation will be carried out by a firm and/or independent consultant hired by the PCO-SERNA for this purpose. The mid-term evaluation report must include the main findings and/or deviations in the project roadmap, a discussion of lessons learned and improvement actions and/or adjustments that have been agreed to carry out in the execution of the project. In the event that the proposed adjustments to the project as a result of the mid-term evaluation process,
- **Final evaluation of the project.** For each project, a final evaluation of the same will be carried out, which will focus on measuring the level of compliance with the products and goals of the project, as well as an evaluation of the level of satisfaction of the final beneficiaries regarding the results achieved by the project, the level of adoption of adaptation measures and how they are impacting their lives. The final evaluation report should identify the lessons learned and recommendations for the design and execution of future climate change adaptation projects.
- It is important to indicate that all the expenses related to the technical and financial monitoring and evaluation of the projects, with the exception of the expenses of the supervision visits, will be part of the resources assigned to each project, but will be executed directly by the PCO-SERNA.

## At the Program level

Monitoring and evaluation of the program will be carried out through the following activities.

- **Preparation of quarterly and annual reports.** Every quarter and at the end of each year, CASM will coordinate the preparation of a report on the progress in the technical and financial execution of the program. Said report will be prepared based on input from each of the executing entities. Such reports shall include at least the following information:
  1. Progress in achieving the objectives and results of the project, including progress in meeting the goals for each indicator.
  2. Results achieved by the project during the period and accumulated
  3. Learned lessons.
  4. Discussion on the challenges in the execution as well as the proposed adjustments in case they are required.
  5. Financial performance of the year.
  6. Annual work plan and budget for the following year.

The quarterly and annual reports will be sent for discussion and approval to the Program's Strategic Steering Committee. Once the annual report is approved, CASM will send the Adaptation Fund the annual report following the Fund's format.

- **Program supervision visits.** Periodic supervision visits to the program site will be made by the executing entities and the program implementing entity. These visits, whenever possible, may include the participation of members of the Strategic Steering Committee and/or the Adaptation Fund.
- **Financial audit.** The program will carry out an annual financial audit and a final audit in order to confirm that the resources have been used to finance the activities proposed in the projects, the relevant accounting and financial standards have been followed, and the resources have been managed properly. These audits will be discussed by the Strategic Steering Committee and subsequently shared with the Adaptation Fund.
- **Midterm evaluation of the program.** Halfway through the planned execution period, an intermediate evaluation will be carried out, which will include a review of the progress in the technical and financial execution of the project, as well as a review of the level of satisfaction of the final beneficiaries with the results of the project. The midterm evaluation will be carried out by a firm and/or independent consultant hired by CASM for this purpose. Based on the results of the evaluation, a midterm evaluation report will be prepared that will include the main findings and/or deviations in the project roadmap, a discussion on lessons learned and improvement actions and/or adjustments that have been agreed to be carried out in the execution of the project. In the event that the proposed adjustments to the project as a result of the mid-term evaluation process,
- **Final evaluation of the program.** CASM will hire a specialized consulting firm to carry out the final evaluation of the program with the objective of evaluating the level of compliance of its products, results and indicators. Likewise, it will rescue the lessons learned generated during its execution and the recommendations for the design of future interventions in the region or similar regions at the national and international level.

Finally, it is important to indicate that the midterm evaluation, final evaluation, annual audits and final audit of the program must be carried out until the midterm evaluations, final evaluations, annual and final audits of the projects have been carried out, since these reports will serve as inputs for monitoring and evaluation activities at the program level.

**Table 9. Monitoring and evaluation (M&E) plan and its budget**

Type of M&E activity	Responsible	Budget	Time
<b>Project Level</b>			
Baseline of each project	Local executing entities	budget for each project	At the second year
Supervisory visits	PCO-SERNA		Every quarter
Annual and final project audits	PCO-SERNA	budget for each project	Every year and at the end of each project
Quarterly and annual reports of each project	Local executing entities	budget for each project	every quarter
Mid-term evaluation for each project	PCO-SERNA	budget for each project	Halfway through the project
Final evaluation of each project	PCO-SERNA	budget for each project	3 months after each project ends
Experience exchange workshops	ASONOG		Every year
<b>Program Level</b>			
Start workshop	CASM	CASM fee	At the beginning
mid-term evaluation	CASM	CASM fee	Half term
Final evaluation of the program	CASM	CASM fee	6 months after the program ends
Follow-up visit of the implementing entity	CASM	CASM fee	Semester
Annual and final external audit	CASM	CASM fee	Annual and at the end of the program

- E. Include a results framework for the project proposal, including milestones, targets and indicators, including one or more core outcome indicators of the Adaptation Fund Results Framework, and in compliance with the Gender Policy of the Adaptation Fund.

Table 10. Results framework of the EDA Program.

Expected results	Indicators	Baseline	Goal	Means of verification	Assumptions/risks
<b>General Objective: Increase decentralized decision-making and financing for adaptation at the subnational level in Honduras.</b>					
Increased preparation and capacity of national and subnational entities to directly access and program adaptation financing in Honduras.	<ul style="list-style-type: none"> <li>Number of people benefited from the direct access improvement modality for financing climate change adaptation measures. (aligned with indicator 2.2.1 of the FA)</li> <li>US\$ disbursed to coastal communities for the implementation of climate change adaptation measures</li> </ul>	Women: 0 Men: 0  US\$: 0	18,000 people of which at least 60% are women  \$4,000,000	Midterm evaluation reports and project impact evaluation.  Interim evaluation report and final evaluation of the program.  Annual and final audit reports.	Local entities have the capacity to design and execute adaptation projects complying with the fiduciary standards and environmental and social safeguards of the AF.  The executing entities of the program have the procedures and processes to manage grants in accordance with the fiduciary standards and environmental and social safeguards of the AF.
Component 1. Development of institutional capacities of local entities for the design and execution of adaptation projects					
Outcome 1. Strengthened the institutional capacity of local entities for the design and implementation of projects that promote the implementation of adaptation measures to climate change.					

<p>Product 1.1. Local entities have the capacities to develop and implement project proposals to directly access financing for climate change adaptation measures.</p>	<ul style="list-style-type: none"> <li>• Milestone 1. Strengthened local entities</li> </ul> <p>Output 1.1. Number of local organizations/people receiving technical assistance and training to strengthen their institutional capacities.</p> <p>Output 1.2. Number of local organizations/individuals receiving technical assistance and training for the preparation and implementation of adaptation project proposals.</p>	<p>0</p>	<p>At least 20 local entities receiving technical assistance and training (at least 60% of the people trained are women)</p>	<p>Capacity development plans.</p> <p>Reports on the implementation of capacity development plans.</p> <p>Quarterly and annual technical reports</p>	<p>National local entities perceive the benefits of developing their capacities for the development and implementation of adaptation projects.</p> <p>The executing entities of the program have the capacity to develop the capacities of local entities.</p>
<p>Component 2. Review and approval of adaptation project proposals</p>					
<p>Outcome 2. Improved governance at the national level for the climate change adaptation financing management process.</p>					
<p>Output 2.1. Design of the bases of the call to submit project proposals for the implementation of adaptation measures to climate change prepared.</p>	<ul style="list-style-type: none"> <li>• Milestone 2. Call for proposals launched</li> <li>• Milestone 3. Contracts signed with local entities</li> </ul>	<p>0</p>	<p>25 adaptation project proposals approved</p>	<p>Resolutions of the Strategic Steering Committee</p>	<p>The project proposals submitted by local entities achieve the minimum score required to be approved.</p>
<p>Output 2.2. Project proposals for the implementation of approved climate change</p>	<p>Output 2.1. Number of adaptation project proposals approved by the Program's</p>	<p>0</p>	<p>25 contracts signed with local entities</p>	<p>Signed contracts</p>	<p></p>

adaptation measures.	Strategic Steering Committee.				Local entities comply with the fiduciary, environmental and social standards required by the AF
Product 2.3. Grant contracts signed with local organizations for the execution of climate change adaptation projects.	Output 2.1. Number of contracts signed with local entities to finance adaptation projects.				
Component 3. Management of EDA Program grants to finance the implementation of climate change adaptation measures in the selected communities.					
Outcome 3. Increased adaptive capacity of the health, education, water, sanitation and drainage systems in the communities targeted by the program					
Outcome 4. Increased resilience of mangrove ecosystems in response to stress induced by climate change and variability					
Outcome 5. Strengthening and diversification of livelihoods and sources of income for vulnerable people, focusing on women in the area of influence of the program					
Output 3.1. Vulnerable development sector services and infrastructure assets are strengthened in response to climate change impacts, including variability.	<ul style="list-style-type: none"> <li>Milestone 4. Climate change adaptation projects executed by local entities</li> </ul> <p>The approved projects will be measured according to the following indicators:</p>	either	The goals will be defined at the time of approval of each project. All goals will be disaggregated by gender, age, and ethnicity.	Monitoring and evaluation reports of individual projects and the program case studies Annual technical reports Intermediate and final evaluation reports	Communities take ownership of their projects.  The projects are executed in a timely manner by the local entities, complying with the fiduciary standards and the environmental and social safeguards of the AF.  Project disbursements are made as scheduled.
Output 3.2. Design and execute strategies and plans for the conservation, restoration and reforestation of mangroves on the coasts and the lagoon system in the area of influence of the program.	Number of people who reduce their vulnerability to climate change because they have water and sanitation, health and education services that are resilient to floods caused by climate change.				

<p>Output 3.3. Design and implementation of climate-smart agriculture projects and alternative income generation projects for vulnerable populations (women, the disabled, the elderly) with an orientation towards inclusive markets.</p>	<p>Number of physical assets (shelters, health centers, schools, water and sanitation systems, drainage, dikes, wave breakers, etc.) strengthened and/or built and/or equipped to withstand conditions resulting from variability and change climate.</p> <p>Area (hectares) of conserved mangrove forest restored and reforested by the program.</p> <p>Number of vulnerable people (women and men) who diversify and increase their income.</p> <p>Number of vulnerable people (women and men) who apply sustainable agricultural practices.</p>				
<p>Component 4. Management and development of knowledge for the implementation of adaptation measures to climate change.</p>					
<p>Support the development and dissemination of innovative adaptation practices, tools and technologies</p>					
<p>Output 4.1. Innovative climate change adaptation measures are</p>	<p>Number of adaptation measures, tools, and technologies that are</p>	<p>0</p>	<p>5</p>	<p>Experience exchange reports</p>	<p>The program manages to mobilize knowledge generated in</p>



generated and/or replicated and/or scaled up at the subnational, national and international levels.	generated, and/or replicated, and/or scaled at the subnational, national, and international levels.  Number of case studies developed based on the experience of the program	0	5	Case study documents	adaptation between the different projects
---	--	---	---	----------------------	---

F. Demonstrate how the project / program aligns with the Results Framework of the Adaptation Fund.

**Table 10. Alignment of the Program with the Results Framework of the Adaptation Fund.**

<b>Project Objective (s)<sup>4</sup></b>	<b>Project Objective Indicator(s)</b>	<b>Fund Outcome</b>	<b>Fund Outcome Indicator</b>	<b>Grant Amount (USD)</b>
Increase decentralized decision-making and financing for adaptation at the subnational level in Honduras	Number of people benefiting from direct access and the improved direct access modality for financing climate change adaptation measures.	Outcome 2. Institutional capacity to reduce risks associated with climate-induced economic and environmental losses strengthened.	Indicator 2.1. Increased capacity of staff to respond to and mitigate the impacts of climate-related events of the selected institutions.	\$4,000,000
<b>Project Outcome(s)</b>	<b>Project Outcome Indicator(s)</b>	<b>Fund Output</b>	<b>Fund Output Indicator</b>	<b>Grant Amount (USD)</b>
<b>Component 1.</b>				
Increased the preparation and capacity of national and subnational entities to directly access and program adaptation	Output 1.1. Number of local organizations/people receiving technical assistance and training to strengthen their institutional capacities.  Output 1.2. Number of local organizations/individ	Outcome 2.2. Increased readiness and capacity of national and subnational entities to directly access and program adaptation finance	Indicator 2.2.1. Number of people benefiting from direct access and the improved direct access modality	\$77,000

<sup>4</sup>The AF used OECD/DAC terminology for its results framework. Project proponents may use different terminology, but the overall principle should still apply.

financing in Honduras.	uals receiving technical assistance and training for the preparation and implementation of adaptation project proposals.			
<b>Component 2. Review and approval of adaptation project proposals</b>				
Improved governance at the national level for the climate change adaptation financing management process.	Output 2.1. Number of adaptation project proposals approved by the Program's Strategic Steering Committee.  Output 2.2. Number of contracts signed with local entities to finance adaptation projects.	Outcome 2.2. Increased readiness and capacity of national and subnational entities to directly access and program adaptation finance	Indicator 2.2.1. Number of people benefiting from direct access and the improved direct access modality	\$103,500
<b>Component 3. Management of EDA Program grants to finance the implementation of climate change adaptation measures in selected communities</b>				
Adaptation projects implemented at the local level	Number of local entities receiving funds  Number of adaptation projects successfully implemented by local entities	Outcome 3. Strengthening of awareness and appropriation of the processes of adaptation and reduction of climate risks at the local level.  Output. 3.2: Strengthening the capacity of national and subnational actors and entities to capture and disseminate knowledge and learning.  <b>Plus others depending on the</b>	3.2. Percentage of the target population applying appropriate adaptation measures.  3.2.1. Number of technical committees/associations formed to ensure knowledge transfer.  <b>Plus others dependent on the projects that are financed</b>	\$3,022,500

		<p><b>projects that are financed</b></p> <p>Outcome 4. Increased adaptive capacity in relevant development sector services and infrastructure assets.</p> <p>Output 4. Vulnerable development sector services and infrastructure assets are strengthened in response to climate change impacts, including variability</p> <p>Outcome 5: Increased ecosystem resilience in response to stress caused by climate change and variability.</p> <p>Output 5: Ecosystem services and vulnerable natural resource assets strengthened in response to climate change impacts, including variability.</p> <p>Outcome 6. Diversification and strengthening of the livelihoods and sources of income of vulnerable people in specific areas.</p> <p>Output 6. Strengthened</p>	<p>4.1. Response capacity of development sector services to changing needs to new conditions resulting from climate variability and change (by sector and scale).</p> <p>4.2. Improved physical infrastructure to withstand stress induced by climate change and variability.</p> <p>4.1.1. Number and type of development sector services modified to respond to new conditions resulting from climate variability and change (by sector and scale).</p> <p>4.1.2. Number of physical assets strengthened or built to resist conditions resulting from climate variability and change (by sector and scale)</p> <p>5. Ecosystem services and natural resource assets maintained or enhanced under</p>	
--	--	---	--	--

		individual and community livelihood strategies targeted in relation to climate change impacts, including variability.	<p>stress induced by climate change and variability.</p> <p>5.1. Number of natural assets created, maintained or enhanced to withstand conditions resulting from climate variability and change (by type and scale).</p> <p>6.1.1. Number and type of adaptation assets (tangible and intangible) created or strengthened in support of individual or community livelihood strategies.</p> <p>6.2.1. Type of source of income for the beneficiaries generated under the climate change scenario.</p>	
Component 4. Management and development of knowledge for the implementation of adaptation measures to climate change.				
Management and development of knowledge, lessons learned	<p>4.1. Number of case studies</p> <p>4.2. Number of measures generated, replicated and/or escalated.</p>	Outcome 8: I support the development and dissemination of innovative adaptation practices, tools and technologies.	8. Innovative climate change adaptation measures are generated and/or replicated and/or scaled up at the subnational, national and	\$79,000

	4.3. EDA Program scaling proposal.	Output 8.1. Viable innovations are implemented, scaled up, fostered and/or accelerated	international levels. 8.1.Number of innovative adaptation practices, tools and technologies accelerated, scaled up and/or replicated	
--	------------------------------------	--	---	--

**Table 12. Key Impact Indicator of the Adaptation Fund.**

The number of beneficiaries, including estimates for direct and indirect beneficiaries, are shown below.

	Indicator 2.2.1. Number of people benefiting from direct access and the improved direct access modality
Direct	18,000 people identified who will be receiving direct benefits from the project. Of these, at least 60% are women.

- G.** Include a detailed budget with budget notes, a budget on the Implementing Entity management fee use, and an explanation and a breakdown of the execution costs.

### Execution Fee

The execution costs of the PCO-SERNA and ASONOG project are detailed in Table 13 and represent 11.97% of the total cost of execution of the project components.

**Table 13. Detailed budget of program execution costs.**

Activities	units	No of Units	Cost per unit	Total	EE
<b>1. Capacity development of local entities</b>					
<i>1.1. Promotion of the Program, identification and selection of local entities</i>					ASONOG
Promotion workshops in municipalities	lump sum	2	2,000	4,000	ASONOG
Monitoring and promotion meetings with communities and local entities	lump sum	4	500	2,000	ASONOG
Preparation and dissemination of promotional materials for radio, local and national TV, social networks	lump sum	1	1,000	1,000	ASONOG
Subtotal				7,000	
<i>1.2. Training and technical assistance to local entities</i>					

## Annex 5 to OPG Amended in October 2017

<i>for their institutional strengthening</i>					
Elaboration of institutional diagnoses of the entities	lump sum	twenty	500	10,000	ASONOG
Development of institutional development plans for local entities	lump sum	10	1,500	15,000	ASONOG
Implementation of the institutional development plans of the entities	lump sum	10	3,500	35,000	ASONOG
Monitoring and evaluation of the execution of institutional development plans.	lump sum	10	1,000	10,000	ASONOG
Subtotal				70,000	
<b>Total cost of component 1.</b>				<b>77,000</b>	
<b>2. Review and approval of adaptation project proposals</b>					
<i>2.1. Launch of the call to submit proposals for project concept notes</i>					
Preparation of all the documentation required for the call	lump sum	1	3,000	3,000	PCO-SERNA
Preparation and dissemination of promotional materials for the call for radio, local and national TV and social networks	lump sum	1	1,000	1,000	PCO-SERNA
Public launch event of the call for proposals	lump sum	1	3,000	3,000	PCO-SERNA
Workshop for local entities to prepare climate change project proposals	lump sum	1	6,000	6,000	ASONOG
Subtotal				13,000	
<i>2.2. Preparation of concept notes</i>					
Workshop for local entities to prepare concept note proposals for climate change projects	lump sum	1	7,000	7,000	ASONOG
Follow-up on the preparation of concept notes by local entities	lump sum	1	5,000	5,000	ASONOG
Subtotal				12,000	
<i>23. Evaluation of concept notes</i>					
Meetings of the Technical Committee to evaluate the concept notes	lump sum	3	500	1,500	PCO-SERNA
Subtotal				1,500	
<i>2.4. Preparation of full project proposals</i>					

## Annex 5 to OPG Amended in October 2017

Preparation of risk and vulnerability assessment studies	Studies	10	1,000	10,000	ASONOG
Systematization of consultation processes with communities	Inquiries	fifteen	500	7,500	ASONOG
Gender evaluation studies and development of gender plans	Studies/plans	fifteen	500	7,500	ASONOG
Punctual technical assistance to local entities in the preparation of project proposals	proposals	fifteen	1,000	15,000	ASONOG
Subtotal				40,000	
2.5. Evaluation of project proposals					
Contracting of independent experts to evaluate the proposals	days	80	250	20,000	ASONOG
Technical Committee Meetings	lump sum	3	500	1,500	PCO-SERNA
Meeting of the Strategic Steering Committee to approve proposals	lump sum	3	1,000	3,000	PCO-SERNA
Due diligence of local entities	lump sum	fifteen	500	7,500	PCO-SERNA
Subtotal				32,000	
2.6. Signing of contracts with local entities					
Public contract signing events	lump sum	10	500	5,000	PCO-SERNA
Subtotal				5,000	
<b>Total cost of component 2.</b>				<b>103,500</b>	
<b>3. Management of EDA Fund grants</b>					
3.1. Financing of Adaptation Projects					
Window 1.	lump sum	10	180,000	1,800,000	PCO-SERNA
Local entities Large projects (An average per project of US\$300,000 is assumed)	lump sum	12	100,000	1,200,000	PCO-SERNA
Subtotal				<b>3,000,000</b>	
3.2 Monitoring of project execution					
External consultant for training local entities for project execution (M&E, Financial Management, EIA, Gender).	days	30	500	15,000	ASONOG
Execution of workshops	lump sum	2	3,000	6,000	ASONOG
Bank transfer costs	lump sum	1	1,500	1,500	PCO-SERNA
Subtotal				22,500	

<b>Total cost of component 3.</b>				<b>3,022,500</b>	
<b>4. Development and management of knowledge about the execution of the EDA program</b>					
4.1. National/international exchange workshops on the implementation of climate change adaptation measures	lump sum	1	12,000	12,000	ASONOG
4.2. Workshops for the exchange of experiences and lessons learned between the local entities participating in the program	lump sum	2	6,000	12,000	ASONOG
4.3. Systematization of Case Studies on experiences and lessons learned from the EDA program	lump sum	5	7,000	35,000	ASONOG
4.4. Design and Execution of the Communication Strategy of the Program	lump sum	1	20,000	20,000	ASONOG
<b>Total cost of component 4.</b>				<b>79,000</b>	
<b>Total project cost</b>				<b>3,282,000</b>	
<b>5. Project Management Costs</b>					
EDA Program Manager (focus on management and management of funds)	months	36	2,500	90,000	PCO-SERNA
Deputy manager of the EDA program focus on climate finance	months	30	1,800	54,000	ASONOG
Investment officer for climate change adaptation projects	months	30	1,500	45,000	PCO-SERNA
Specialist in Environmental and Social Safeguards	months	30	1,500	45,000	PCO-SERNA
Organizational Development Specialist	months	24	1,500	36,000	ASONOG
Program Monitoring and Evaluation Officer	months	24	1,000	24,000	PCO-SERNA
administrative officer	months	36	700	25,200	PCO-SERNA
Program support (HR, Procurement, legal, finance, IT, software)	months	36	1,500	54,000	PCO-SERNA / ASONOG
Local office cost	months	36	550	19,800	PCO-SERNA
<b>Total cost of the Project Management Costs component.</b>				<b>393,000</b>	
				<b>11.97%</b>	
<b>TOTAL</b>				<b>3,675,000</b>	



## Implementing Entity management fee

**Table 14. Project Management Fee**

<b>Project Cycle Management Fee</b>	<b>units</b>	<b>No of Units</b>	<b>Cost per unit</b>	<b>Total</b>
<i>Commission for Program Management</i>	lump sum	1	109,000	109,000
Training for monitoring the implementation of the ESMF and gender inclusion	lump sum	1	10000	10,000
Technical assistance in the implementation of the program	days	60	600	36,000
Meetings of the strategic steering committee of the program	lump sum	10	1,000	10,000
Midterm evaluation of the program	lump sum	1	30,000	30,000
Final evaluation of the program	lump sum	1	30,000	30,000
<i>Follow-up visits to the CASM program</i>	lump sum	twenty	1,000	20,000
Annual and final audits	lump sum	4	20,000	80,000
<b>TOTAL</b>				<b>325,000</b>
				<b>9.90%</b>

The project management fee (9.90% of the total budget) will be used by CASM, the National Implementing Entity, to cover the costs of providing general management and financial support for program execution, as well as the reporting process to the Fund. Adaptation on the technical and financial execution of the program.

Table 14 presents a detail of the estimated costs of CASM in the role of national implementing entity to carry out the general management of the implementation of this program.

### **Budget Notes:**

1. Project Management Fees. This includes the following:
  - a. Follow-up and monitoring of the execution of the executing entities
  - b. Support in the review of proposals related to compliance with fiduciary standards, technical criteria
  - c. General advice on the execution of the program
  - d. Support to the executing entities in compliance with the requirements on financial and technical reports to the Adaptation Fund.
  - e. Management of the relationship with the Adaptation Fund, ensuring that the execution of the program is aligned with the proposal and the results framework of the Adaptation Fund.
  - f. Quality assurance of final program documents
2. Financial management. This covers the monitoring of financial management and quality control by CASM:
  - a. Ensure compliance with fiduciary standards and internal control processes
  - b. Follow-up on the budgetary execution of the AF resources in accordance with the agreed work plans and budgets.
  - c. It is necessary to ensure that financial management practices comply with the regulations of the Adaptation Fund and support in audits.

- d. Ensure that reports comply with the requirements of the Adaptation Fund
3. Strategic Steering Committee. CASM will lead and coordinate the actions of the Strategic Steering Committee related to quarterly meetings and decision-making on the approval of project proposals. Likewise, it will support the program's technical steering committee.

## H. Include a disbursement schedule with time-bound milestones.

Table 15. Table of disbursements and achievement of milestones

years	Year 1				Year 2				Year 3				Year 4			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Activities</b>																
<b>1. Capacity development of local entities</b>																
1.1. Promotion of the Program, identification and selection of local entities																
1.2. Training and technical assistance to local entities for their institutional strengthening		25%		100%												
<b>Milestone 1. Strengthened local entities</b>				X												
<b>2. Review and approval of adaptation project proposals</b>																
2.1. Launch of the call to submit proposals for project concept notes		25%		100%												
<b>Milestone 2. Call for proposals launched</b>		X														
2.2. Preparation of concept notes																
2.3. Evaluation of concept notes																
2.4. Preparation of complete project proposals																
2.5. Evaluation of project proposals																
2.6. Signing of contracts with local entities																
<b>Milestone 3. Contracts signed with local entities</b>				X												
<b>3. Management of EDA Fund grants</b>																
3.1. Financing of Adaptation Projects					15%		30%		50%		75%				100%	
3.2. Monitoring the execution of the projects					15%		30%		50%		75%				100%	
<b>Milestone 4. Climate change adaptation projects executed by local entities</b>															X	
<b>4. Development and management of knowledge about the execution of the EDA program</b>																
4.1. National/international exchange workshops on the implementation of climate change adaptation measures		10%	40%	80%	100%											
4.2. Workshops for the exchange of experiences and lessons learned between the local entities participating in the program						10%			30%			70%			100%	
4.3. Systematization of Case Studies on experiences and lessons learned from the EDA program							10%		30%		60%				100%	
4.4. Design and Execution of the Communication Strategy of the Program		5%		15%		30%		40%		60%		80%			100%	
Milestone Mid-term impact evaluation completed								X								
Milestone Final impact assessment completed																X
<b>5. Project Management Costs</b>	5%			25%				50%				75%				100%

## PART IV: ENDORSEMENT BY GOVERNMENT AND CERTIFICATION BY THE IMPLEMENTING ENTITY

### A. Record of endorsement on behalf of the government<sup>5</sup>

Provide the name and position of the government official and indicate date of endorsement. If this is a regional project/program, list the endorsing officials all the participating countries. The endorsement letter(s) should be attached as an annex to the project/program proposal. Please attach the endorsement letter(s) with this template; add as many participating governments if a regional project/program:

<p><b><i>His Excellency Lucky Halach Medina Estrada</i></b>  <i>Secretary of State, Secretary of Natural  Resources and Environment</i></p>	<p>Date: <i>July, 18, 2023</i></p>
---	------------------------------------

### B. Implementing Entity certification

Provide the name and signature of the Implementing Entity Coordinator and the date of signature. Also provide the project/program contact person's name, telephone number and email address

<p><b>PhD. Nelson Garcia Lobo</b></p> <p><b>Implementing Entity Coordinator</b></p> <div style="text-align: right;">   </div>	
<p>Date: August, 07, 2023</p>	<p>Tel. +504 99950256  email: <a href="mailto:direccion@casm.hn">direccion@casm.hn</a></p>
<p><b>Project Contact Person: Noel Landaverde</b></p>	
<p>Tel. +504 32542355  Email: <a href="mailto:coordinacioncolon@casm.hn">coordinacioncolon@casm.hn</a>; <a href="mailto:programas@casm.hn">programas@casm.hn</a></p>	

<sup>5</sup> Each Party shall designate and communicate to the secretariat the authority that will endorse on behalf of the national government the projects and programs proposed by the implementing

## PART V: PROGRAM ANNEXES

### Annex 1. Non-Objection Letter from the Government of Honduras



#### Letter of Endorsement by Government

Honduras

July 18<sup>th</sup>, 2023

To: **The Adaptation Fund Board**  
c/o Adaptation Fund Board Secretariat  
Email: [Secretariat@Adaptation-Fund.org](mailto:Secretariat@Adaptation-Fund.org)  
Fax: 202 522 3240/5

**Subject:** Endorsement for the Direct Access Program for financing climate change adaptation projects to increase the adaptive capacity and climate resilience of indigenous and Afro-descendant communities in the marine-coastal region of the municipalities of Juan Francisco Bulnes and Brus Laguna in Honduras.

In my capacity as designated authority for the Adaptation Fund in Honduras, I confirm that the above national grant proposal is in accordance with the government's national priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in the Mosquitia region located in the Department of Gracias a Dios in Honduras.

Accordingly, I am pleased to endorse the above grant proposal with support from the Adaptation Fund. If approved, the project will be implemented by the Comisión de Acción Social Menonita, and the following executing entities, the Secretary of Natural Resources, and Environment, and the Asociación de Organismos No Gubernamentales de Honduras.



Sincerely,

**His Excellency Lucky Halach Medina Estrada**  
Secretary of State, Secretary of Natural Resources, and  
Environment.

## Annex 2. Guidelines to assess the financial and organizational capacities of the potential local executing entities of the EDA Program.

Guidelines<sup>6</sup> to assess the financial and organizational capacities of the potential local executing entities of the EDA Program.

Pillar-1: Organization and Legal Framework			
#	Type of Supporting Documents	Document/File Name	Attachment #
1	<b>Legal registration of the entity and/or founding legal document, Charter etc.</b> This may be a statute/government Order/Memo, or any Founding/Creation document issued by the competent authority.	Type here	Type here
2	<b>Constitution / Articles of Incorporation of the Organization / Entity</b>	Type here	Type here
3	<b>Latest Annual Report(s) of the Organization / Entity</b>	Type here	Type here
Pillar-2: Structure and Culture, including considerations on Code of Conduct and Ethics			
#	Type of Supporting Documents	Document/File Name	Attachment #
4	<b>Organizational Structure/Chart, Organogram; governance, etc.</b> <ul style="list-style-type: none"> <li>Please provide a brief elaboration on the hierarchy; reporting lines between key units/divisions/departments</li> </ul>	Type here	Type here
5	<b>Management Structure</b> <ul style="list-style-type: none"> <li>Identifying and elaborating on key Units, including Internal Audit Function.</li> <li>Roles and responsibilities of key unit staff</li> </ul>	Type here	Type here
6	<b>Operations and/or Administrative Manual (including Financial roles/functions) Policies, Procedures, SOPs</b> <ul style="list-style-type: none"> <li>If the Applicant follows Governments' and/or any other Organization's regulations / policies in lieu of its own, then those governing documents should be provided/referred.</li> </ul>	Type here	Type here
7	<b>HR Policies, Procedures, Manual, SOP etc.</b> <ul style="list-style-type: none"> <li>If the Applicant follows Governments' and/or any other Organization's regulations / policies in lieu of its own, then those governing documents should be provided/referred.</li> </ul>	Type here	Type here
8	<b>Code of Conduct or the Organization &amp; Ethical Standards for Staff/Personnel</b> <ul style="list-style-type: none"> <li>Does it follow any own code of conduct or does it follow the one from another organization? explain</li> </ul>	Type here	Type here
Pillar-3: Financial Management, including Management of Risk			
#	Type of Supporting Documents	Document/File Name	Attachment #
9	<b>Financial Management Manual, Accounting Policies &amp; Guidelines, SOP etc.</b>	Type here	Type here
10	<b>Main Accounting policies of the Entity; and Accounting Software used/adopted.</b> <ul style="list-style-type: none"> <li>This should be elaborated upon in Section 3.1 &amp; 3.2 of the Self-Assessment</li> <li>If the Applicant follows Governments' and/or any other Organizations' regulations / policies in lieu of its own, then those governing documents should be provided/referred.</li> </ul>	Type here	Type here

<sup>6</sup> This is just an example taken from another funder. During the start of the program the final template will be developed.

11	<b>Internal Control Framework (ICF), including procedures against Fraud &amp; Corruption.</b> <ul style="list-style-type: none"> <li>If there is no specific Policy/SOP related to ICF, then please provide other relevant documents re: internal control of the Organization</li> </ul>	Type here	Type here
12	<b>Internal Audit Reports (past two years)</b> <ul style="list-style-type: none"> <li>If there is no 'Internal Audit' department/unit, please provide any other relevant document (if have any) as to how the internal control oversight is done</li> </ul>	Type here	Type here
13	<b>Annual Financial Statements or Certified Financial Statements of the past two years (including Notes to Finance by the Auditor)</b> <ul style="list-style-type: none"> <li>All applicants are required to submit Statutory or External Audit Reports; Donor funded project audit reports are welcomed in addition to external audit reports.</li> <li>Balance sheet statement</li> <li>Profit and loss statement</li> <li>Pash flow statements</li> </ul>	Type here	Type here
14	<b>External Audit Reports (past two years) conducted by Government / Statutory Department, or</b>	Type here	Type here
fifteen	<b>Fiduciary assessment report(s)</b> <ul style="list-style-type: none"> <li>Please reference major findings and recommendations sections</li> </ul>	Type here	Type here
16	<b>General Anti-Money Laundering (AML) and Combating Finance of Terrorism (CFT) Policies, Practices and Procedures</b> <ul style="list-style-type: none"> <li>If the Applicant follows Governments' and/or any other Organizations' regulations / policies in lieu of its own, then those governing documents should be provided/referred.</li> </ul>	Type here	Type here

#### Pillar-4: Procurement Policies and Procedures

#	Type of Supporting Documents	Document/File Name	Attachment #
17	<b>Procurement Manual, Policies and Procedure, SOP etc.</b> <ul style="list-style-type: none"> <li>If the Applicant follows Governments' and/or any other Organization's regulations / policies in lieu of its own, then those governing documents should be provided/referred.</li> </ul>	Type here	Type here
18	<b>Delegation of Authority / Financial Thresholds</b> <ul style="list-style-type: none"> <li>Please ensure to include this in Section 4.2 of the Self-Assessment</li> </ul>	Type here	Type here
19	<b>Conflict of Interests (COI) Policy</b> <ul style="list-style-type: none"> <li>Procurement process and related areas</li> </ul>	Type here	Type here

#### Pillar-5: Program / Project Management

#	Type of Supporting Documents	Document/File Name	Attachment #
twenty	<b>Program / Project Management Manual, Policies, Procedures.</b> <ul style="list-style-type: none"> <li>If the Applicant follows Governments' and/or any other Organization's regulations / policies in lieu of its own, then those governing documents should be provided/referred.</li> </ul>	Type here	Type here
twenty-one	<b>Monitoring and Evaluation Policies, Procedures, and Guidelines</b> <ul style="list-style-type: none"> <li>If the Applicant follows Governments' and/or any other Organization's regulations / policies in lieu of its own, then those governing documents should be provided/referred.</li> </ul>	Type here	Type here

22	<p><b>Track record of the past and/or ongoing project(s) the Organization implemented including Results/Outcomes.</b></p> <ul style="list-style-type: none"> <li>• Non-exhaustive list of projects, rather, please present relevant/recent projects within the past 5 years</li> </ul>	Type here	Type here
23	<p><b>External evaluation(s) / assessment(s) of past or ongoing Projects and Program (if any)</b></p>	Type here	Type here
24	<p><b>Risk Assessment and Risk Management Policies of the Organization (if any)</b></p> <ul style="list-style-type: none"> <li>• If the Applicant follows Governments' and/or any other Organization's regulations / policies in lieu of its own, then those governing documents should be provided/referred.</li> </ul>	Type here	Type here
25	<p><b>CVs of key Finance and Project staff</b></p> <ul style="list-style-type: none"> <li>• CVs should be provided for personnel that are to be involved/associated with projects to be funded by the Program</li> </ul>	Type here	Type here



### Annex 3. Project Concept Note template Example<sup>7</sup> v.1

Project Title: \_\_\_\_\_

municipality: \_\_\_\_\_

Community \_\_\_\_\_

Local Executing Entity: \_\_\_\_\_

Date of first submission/  
version number: [YYYY-MM-DD] [V.0]

Date of current submission/  
version number [YYYY-MM-DD] [V.0]

The proposal will not exceed 12 pages plus annexes.

---

<sup>7</sup> This is just an example taken from another funder. During the start of the program the final template will be developed.

<b>A. Project Summary (max. 1 page)</b>			
<b>A.1. Project or program</b>	<input type="checkbox"/> projects	<b>A.2. Public, CSO or private sector</b>	<input type="checkbox"/> Public sector <input type="checkbox"/> Private sector <input type="checkbox"/> CSO
<b>A.3. Indicate the result areas for the project</b>	<p><u>Adaptation:</u> Increased resilience of:</p> <input type="checkbox"/> Agriculture and livelihoods <input type="checkbox"/> Zone Coastal Management <input type="checkbox"/> infrastructure <input type="checkbox"/> Ecosystem and ecosystem services <input type="checkbox"/> others		
<b>A.4. Estimated adaptation impact (number of direct beneficiaries and % of population)</b>			
<b>TO 5. Indicative total project cost</b>	Amount: USD _____	<b>A.6. Indicative funding requested to the Project</b>	Amount: USD _____
<b>A.7. Estimated duration of project:</b>	disbursement period:	<b>A.8. Estimated project lifespan</b>	This refers to the total period over which the investment is effective.
<b>A.09. Project rationale, objectives and approach of program/project (max 100 words)</b>	Brief summary of the problem statement and climate rationale, objective and selected implementation approach, including the executing entity (IES) and other implementing partners.		

<b>B. Project Information (max. 8 pages)</b>
<b>B.1. Context and baseline (max. 2 pages)</b>
<p><i>Describe the climate vulnerabilities and impacts, and adaptation needs that the prospective intervention is envisaged to address.</i></p> <p><i>Please indicate how the project fits in with the country's national priorities and its full ownership of the concept. Is the project/program directly contributing to the country's INDC/NDC or national climate strategies or other plans such as the NAP? If so, please describe which priorities identified in these documents the proposed project is aiming to address and/or improve.</i></p> <p><i>Describe the main root causes and barriers (social, gender, fiscal, regulatory, technological, financial, ecological, institutional, etc.) that need to be addressed.</i></p> <p><i>Where relevant, and particularly for private sector project/program, please describe the key characteristics and dynamics of the sector or market in which the project/program will operate.</i></p>
<b>B.2. Project description (max. 3 pages)</b>
<p><i>Describe the expected set of components/outputs and subcomponents/activities to address the above barriers identified that will lead to the expected outcomes.</i></p> <p><i>In terms of rationale, please describe the theory of change and provide information on how it serves to shift the development pathway toward a more low-emissions and/or climate resilient direction, in line with the Fund's goals and objectives.</i></p>

*Describe how activities in the proposal are consistent with national regulatory and legal framework, if applicable.*

*Describe in what way the local executing entity is well placed to undertake the planned activities and what will be the implementation arrangements with the executing entity and implementing partners.*

*Please provide a brief overview of the key financial and operational risks and any mitigation measures identified at this stage.*

### **B.3. Expected project results aligned with the investment criteria of the EDA Program (max. 3 pages)**

- **Impact Potential.** This criterion will evaluate the impact potential that the project proposal has to generate a concrete and measurable impact in increasing the resilience and/or reducing the vulnerability of communities and their inhabitants to climate change.
- **Potential to generate additional economic, social and environmental benefits.** Will evaluate the potential of the project to generate tangible and measurable economic, social and environmental benefits in the target population of the project.
- **Alignment with the policies and strategies, plans and commitments of the country, as well as national legislation.** This criterion will guarantee that the adaptation measures proposed in the project are aligned with the adaptation measures proposed in component 3 of the program and therefore aligned with the policies, strategies, plans and international commitments and legislation of the country in question. Terms of climate change adaptation.
- **Alignment with the environmental and social policy and gender policy of the Adaptation Fund.** All project proposals must ensure that their activities are aligned with the environmental and social policy, as well as the gender policy of the Adaptation Fund and that it has the necessary mechanisms and tools to guarantee compliance during the execution of the project.
- **Value for Money.** This criterion evaluates the profitability of the investment to be made in the financing of the project. Specifically, the efficiency and effectiveness of the interventions proposed in the project will be evaluated.

### **C. Indicative Financing/Cost Information (max. 3 pages)**

#### **C.1. Financing by components (max ½ page)**

*Please provide an estimate of the total cost per component/output and disaggregate by source of financing.*

Component/Output	Indicative cost (USD)	EDA Program financing		Co-financing if Any		
		Amount (USD)	Financial Instrument	Amount (USD)	Financial Instrument	Names of Institutions
<b>Indicative total cost (USD)</b>						

*For private sector proposal, provide an overview (diagram) of the proposed financing structure.*

#### **C.3. Sustainability and replicability of the project (exit strategy) (max. 1 page)**

*Please explain how the project sustainability will be ensured in the long run and how this will be monitored, after the project/program is implemented with support from the EDA Program*

**Annex 4. Stakeholders Consultation Process Report**



## Bibliography

- Banco Mundial. (2022). *Indicadores del Desarrollo (IDM)*. Obtenido de: [https://datos.bancomundial.org/indicador/Banco Mundial \(2022\), «Honduras: Paths Toward Building a Resiliente Society. Sys-tematic Country Diagnostic Update», , Washington, DC, febre.](https://datos.bancomundial.org/indicador/Banco%20Mundial%20(2022),%20«Honduras:%20Paths%20Toward%20Building%20a%20Resiliente%20Society.%20Sys-tematic%20Country%20Diagnostic%20Update»,%20Washington,%20DC,%20febre.)
- BID/CEPAL. (2021). *Evaluación de los efectos e impactos de la tormenta tropical Eta y el huracán Iota en Honduras*.
- Blankespoor et al, B. D.-M. (2016). *Mangroves as protection from storm surges in a changing climate*. World Bank.
- Browder et al, G. O.-M. (2019). *Integrating Green and Gray: Creating Next Generation Infrastructure*. Washington. D.C.: World Bank and World Resources Institute.
- Fondo Monetario Internacional. (2022). *Perspectivas de la Economía Mundial*. Obtenido de: [https://www.imf.org/external/datamapper/NGDP\\_RPCH@WEO/OEMDC/ADVEC/WEOWORLD/CMQ](https://www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/ADVEC/WEOWORLD/CMQ).
- Global Forest Watch. (2023). <https://www.globalforestwatch.org/map/country/HND/?mainMap=eyJzaG93QW5hbHlzaXMiOnRydWV9&map=eyJjZW50ZXIiOmsibGF0IjoxNC43MTIyNjM5OTE2NjAyMzgsImxuZyI6LTg2LjIzNzE0MDY1NDk5ODk1fSwiem9vbSI6Ni41NzU5NzY4NjczMDUxMjksImNhbkJvdW5kIjpmYWxzZSwiZGF0eXNldHMiOlt7ImRhdGF.>
- INE. (2014-2021). *Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM) 2014-2021*.
- INE. (2019). *Encuesta de Hogares del 2019*. Tegucigalpa.
- INE. (2019). *Encuesta Nacional de Demografía y Salud*.
- IPCC-AR6. (2023). *Sexto reporte*.
- MASTA. (2012). *Acta de consitucion de MASTA*.
- Navarro-Racines et al, C. M.-H. (2018). *Desarrollo de Escenarios de Cambio Climatico Honduras y Modulo de Capacitacion CIAT/PNUD/DNCC*. Tegucigalpa. M.D.C.
- OCDE/CAF/CEPAL. (2018). *Perspectivas Economicas de America Latina*.
- PNUD. (2022). *Informe de Desarrollo Humano 2022*. Tegucigalpa.
- PNUD Honduras. (2022). *Informe de Desarrollo Humano 2022*. Tegucigalpa, M.D.C.
- PNUD, ONU Mujeres, PNUMA. (2020). *De las palabras a la Accion. Proyectos con Soluciones Innovadoras para la Naturaleza, La accion Climatica y la Igualdad de Genero*.
- Secretaria de Recursos Naturales y Ambiente. (2018). *Plan Nacional de Adaptacion al Cambio Climatico*.
- Secretaria de Recursos Naturales y Ambiente. (2021). *Actualizacion de la Contribucion Nacional Determinada de Honduras (NDC-HN)*. Tegucigalpa.
- SEFIN. (2022). *Cuenta Financiera SPNF, Boletín estadístico trimestral de la deuda del SPNF y la administración central*. Tegucigalpa.
- Universidad de Notre Dame. (26 de Junio de 2023). [gain-nd.edu](https://gain-nd.edu). Obtenido de <https://gain.nd.edu/our-work/country-index/rankings/>
- World Economic Forum. (2022). *Global Gender Gap Report*.
- World Economic Forum. (2023). *Global Gender Gap Report*.

# Consulta Climática La Muskitia



**Proyecto: Fondo para incrementar la capacidad adaptativa y resiliencia climática de las comunidades indígenas y afrodescendientes de la región marino costera de los municipios de Juan Francisco Bulnes y Brus Laguna**

**Propuesta del Programa para el Fondo de Adaptación**

**Febrero 2023**

# **Stakeholders Consultation**

## **La Muskitia**

### **Methodology and Report**

Noel Landaverde

Miguel Méndez

Rebeca Espinal

Maria Jose Bonilla

### **Field Work**

Alexander Sorto

Rebeca Espinal

Erasmus Wood

Zicri Caballero

Miguel Méndez

### **CASM Regional Office**

La Muskitia, Honduras, Central America, June, 2023

## Tabla de contenido

I.	INTRODUCCIÓN.....	3
II.	BACKGROUND OF THE STAKEHOLDERS CONSULTATION PROCESS .....	4
2.1	General Objective of the Stakeholders Consultation Process.....	5
2.2	Specific Objectives.....	5
III.	METHODOLOGICAL FRAMEWORK .....	5
3.1	Stakeholders Consultation Methodology.....	5
3.2.	Consultation Instrument .....	5
3.3.	Implementing the Consultation Process .....	6
3.4.	Resources to Support the Consultation Process.....	6
3.5.	Veracity of the information obtained .....	7
IV.	ORGANIZATIONS CONSULTED.....	8
4.1.	Barauda Territorial Council and the Municipality of Juan Francisco Bulnes.....	8
4.2.	DIUNAT Territorial Council. ....	9
4.3.	Honduran Miskitu Association of Sidabled Divers (AMHBLI, Brus Laguna).....	9
4.4.	Asociation of Miskitu Indigenous Women: “MIMAT, Brus Laguna”. ....	9
4.5.	Garifuna Community Boards.....	10
4.6.	Unity of the Indigenous and Black People of Honduran Muskitia (UPINMH) .....	10
V.	RESULTS OF THE CONSULTATION PROCESS.....	10
5.1.	Problems associated with climate change (CC) .....	11
5.1.1.	Focus Group of Batalla, Juan Francisco Bulnes.....	11
5.1.2.	Focus Group of Barra Patuca, Brus Laguna.....	14
5.1.3.	Focus Group of Belén, Brus Laguna.....	17
5.1.4.	Focus Group (Male) of Brus Laguna, Brus Laguna.....	19
5.1.5.	Focus Group (Female) Barra Patuca, Brus Laguna.....	22
5.2.	Solution proposals .....	26
5.2.1.	Focus Group of Batalla, Juan Francisco Bulnes.....	26
5.2.2.	Focus Group of Barra Patuca, Brus Laguna.....	26
5.2.3.	Focus Group of Belén, Brus Laguna.....	27
5.2.4.	Focus Group (Male) of Brus Laguna, Brus Laguna.....	27
5.3.	Gender Dynamics in the Face of Climate Change.....	27



VI.	CONCLUSIONS .....	30
VII.	ANNEXES.....	31
	Annex 1. List of participants in the consultation. ....	31
	Annex 2. Programming of the Consultations .....	36
	Annex 3. Consultation Questionnaire .....	38
	Annex 4. Photographic Evidence of the Consultations .....	41
	Annex 5. Results of individual interviews. ....	44
	Annex 6. Letters of Support to the project from local indigenous organizations. ....	48

## I. INTRODUCCIÓN

In Honduras, climatic alterations have been registered, which have turned the country into a highly vulnerable territory in its livelihoods, infrastructure, natural resources and supply of agricultural food, threatening the food security of families. Every time the country faces a climate catastrophe, it is forced to be rebuilt after the event. According to the climate risk index, Honduras is one of the countries in the world most affected by climate variability.

Honduras has a population of approximately 9 million inhabitants, of which 12% are indigenous or Afro-descendant. The Honduran Muskitia, located northeast of Honduras in the department of Gracias a Dios, constitutes the area with the greatest diversity of indigenous peoples: Miskitu, Garífuna, Pech and native mestizos.

In addition to its cultural diversity, the Honduran Muskitia possesses a third of the country's natural resources; however, it has been traditionally abandoned. The institutional presence of the Government is extremely weak, and the exploitation of its wealth has not resulted in the benefit of its inhabitants. According to the 2013 National Census, the total population of the department of Gracias a Dios was estimated at 94,450 people and according to the projected 2022 INE census, the approximate population for 2023 is 109,689 inhabitants.

The department of Gracias a Dios is classified as highly vulnerable to climatic effects given its exposure to tropical events and its lack of internal infrastructure. The FAO reported that from December 2021 to February 2022, at least 2.2 million people in Honduras would find themselves in a food crisis, with the department of Gracias a Dios being the most affected, with a negative impact on 43% of its population.

Due to the effects of climate change and other recurring phenomena, the conditions in this region have become extremely difficult for food production and crop losses are frequent; which leaves the population in a prolonged and aggravated food crisis.

In order to have a better understanding of these dynamics, the Consortium that leads the Project proposal for the Adaptation Fund, carried out a Consultation with different civil society organizations, government instances and community leaders, with the purpose of knowing their feelings and thoughts, their proposals for measures and alternatives to minimize climate risks.

This document contains,

- a) The background of the Consultation.
- b) The methods and instruments used.
- c) The description of the organizations and key stakeholders addressed.
- d) An interpretation of the results of the Consultation.

- e) An analysis of gender dynamics in the face of climate change,
- f) Some preliminary conclusions, and
- g) The supporting annexes.

## II. BACKGROUND OF THE STAKEHOLDERS CONSULTATION PROCESS

Within the framework of the Project *"Fund to increase the adaptive capacity and climate resilience of indigenous and Afro-descendant communities in the marine-coastal region of the municipalities of Juan Francisco Bulnes and Brus Laguna"*, this Climate Consultation is carried out, aimed at civil society of the aforementioned municipalities, with the objective of collecting relevant information that allows the implementation of the Project, to strengthen the activities and resilience techniques in the most vulnerable populations and with a geographical coverage as presented below.



### Geographic coverage:

The area of influence of the Project includes the Municipalities of Juan Francisco Bulnes and Brus Laguna.

### Beneficiary population.

It is expected that the Project will impact a population of 18,809 inhabitants, of which 9,464 (50.3%) are women and 9,345 (49.7%) are men.

Municipality	Community	Population	Women	Men	Indigenous people
Juan Francisco Bulnes	Tocamacho	2155	1134	1021	Garifuna
	Batalla	1096	546	550	Miskitu, Garifuna, Mestizo
	Plaplaya	1352	683	669	Miskitu, Garifuna, Mestizo
	Ibans	2168	1104	1064	Miskitu, Garifuna, Mestizo
Brus Laguna	Cocobila	848	409	439	Miskitu
	Belen	1204	607	597	Miskitu
	Nueva Jerusalen	1606	794	812	Miskitu
	Rio Platano	1724	889	835	Miskitu, Pech
	Brus Laguna	5306	2654	2652	Miskitu
	Barra Patuca	3505	1778	1727	Miskitu
<b>Total</b>		<b>20,964</b>	<b>10,598</b>	<b>10366</b>	

## **2.1 General Objective of the Stakeholders Consultation Process**

Understanding from the key actors linked to the population and territory of Juan Francisco Bulnes and Brus Laguna, their interests, needs and solution proposals, in relation to the effects and impacts of climate change.

## **2.2 Specific Objectives**

1. Share with communities and local authorities the process of preparing a Project proposal to increase their resilience to the effects of climate change.
2. Obtain input from the communities and their authorities on the impact of climatic phenomena and the actions they are currently developing to deal with this situation.
3. Carry out a gender assessment in the region mainly related to the situation and role that women play in the face of the impacts of climatic phenomena at the community and family level.
4. Identify and evaluate the potential environmental and social risks in the execution of the Project, as well as the measures that allow mitigating or reducing their materialization.
5. Validate with the communities and authorities their interest in participating actively in the design and execution of the Project if its financing is achieved.

# **III. METHODOLOGICAL FRAMEWORK**

## **3.1 Stakeholders Consultation Methodology**

The consultation was addressed under the qualitative research method, to be applied through non-probabilistic sampling, established for convenience; Therefore, basic instruments and strategies to approach the consultation were designed, adjusted to the coverage area, civil society organizations, public sector actors and the population that will probably be impacted by the Project.

Under these parameters, the key actors were identified to be approached through Focus Group techniques or individual interviews, with the purpose of knowing their perceptions of the behavior of the region, with respect to the effects of climate change on their lives and on the environment.

## **3.2. Consultation Instrument**

To carry out the consultation, an information collection instrument was applied that addresses the following topics or variables: Climatic phenomena in the communities of the region, Impact of climatic phenomena in the community, Gender equality, Support and commitment of the Indigenous Peoples and Local Communities, and Government Participation.

Around these themes or variables, a questionnaire of open questions was designed, in order to obtain more information from the participants, being able to extend their answers (See consultation format, in the annexes).

### **3.3. Implementing the Consultation Process**

The consultation process was carried out by the technical team of the Consortium, in the period between February 20 and March 3, 2023, applying the Focus Group technique and conducting individual interviews, reaching a total of 119 people, as a representative part of the sample of the population of the two intervention municipalities.

Both, the discussions with the focus groups and the individual interviews were recorded via voice memo, with the authorization of each of the participants. Similarly, the responses to each question, testimony or recommendation provided by the participants were noted.

An equitable, representative and inclusive participation of all participants was guaranteed throughout the process, regardless of the age, sex, ethnic group, level of education and language of those consulted.

Because it is a multi-ethnic population, respect for their worldview was considered at the time of the approach. Being the ideal moment to know the feelings of the consulted actors. Through this consultation, key actors at the local, regional and national level were approached, with influence on the design and execution of the Project (See list of organizations and contacts, in the annexes).

### **3.4. Resources to Support the Consultation Process**

A methodological script was designed to conduct the information gathering, the technical team was trained prior to approaching the Consultation, and an agenda was developed with the programming of the Consultation events, duration and responsible for each event.

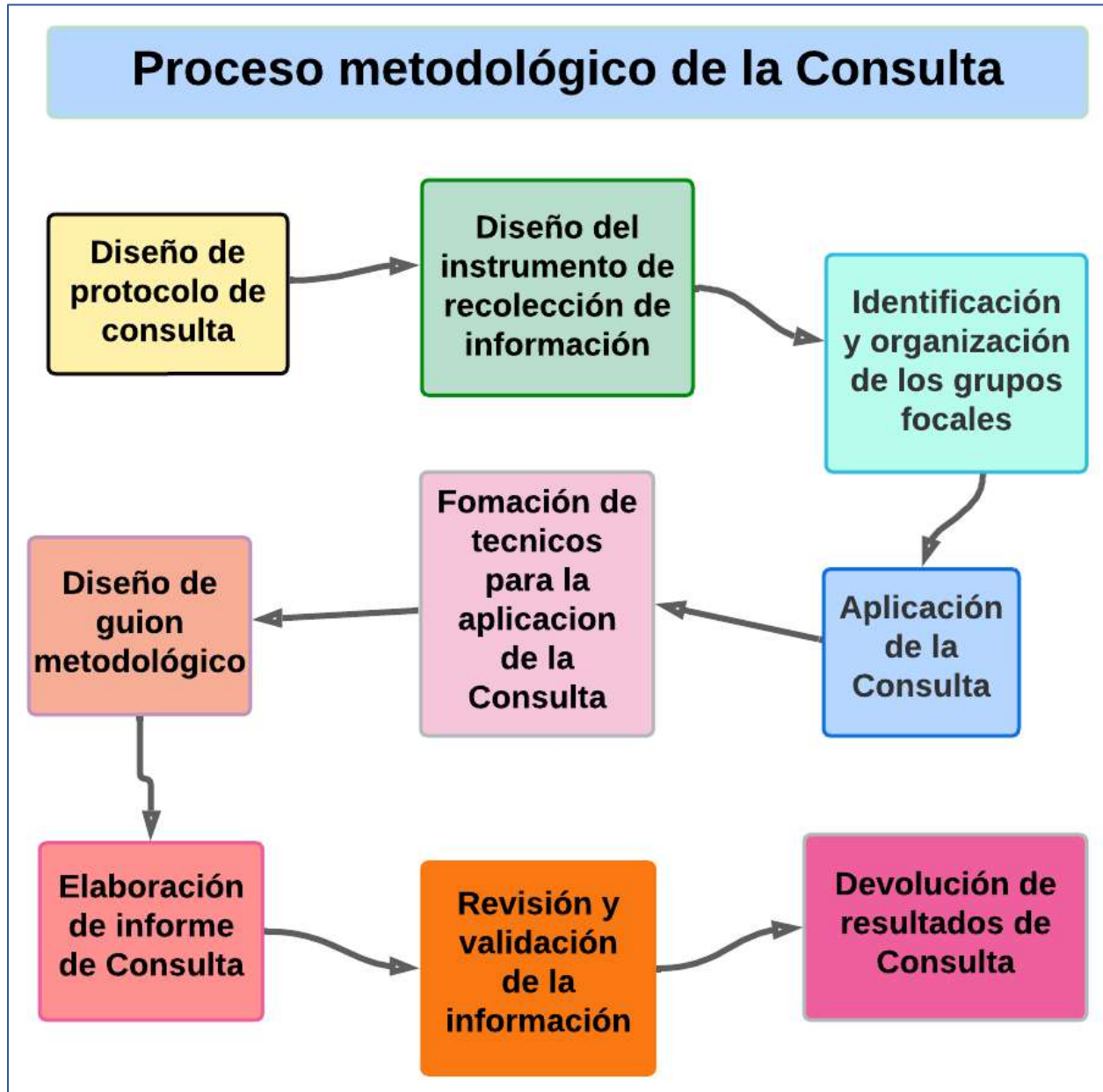
The consultations were carried out through five (5) focus groups and individual interviews, with previously identified stakeholders.

The process documentation included the following:

1. List of participants with their signatures in the consultation process.
2. Summary of the inputs, concerns and proposals obtained from each actor to be used in the formulation of the Project.
3. Letters of intent to support the Project signed and sealed by key actors in the Project's area of influence.

4. Pictures, videos and writings that demonstrate the participation of the relevant actors in the process.

### Methodology of the Consultation Process.



### 3.5. Veracity of the information obtained

To guarantee the veracity of the information collected in the consultation process, work sessions were held, in which the comparison of information was used as a validation mechanism.

During the gathering of information, the technical team had the function of collecting each aspect mentioned by the participants, either in writing, recorded or transcribed from the discussions generated through brainstorming. Therefore, in subsequent meetings, the technical team presented their work minutes, and they were compared so as not to leave anything out, avoiding possible biases and as a guarantee of achieving reliable results.

The joint construction of a matrix was carried out to verify the quality of the information, defining important milestones for the moment of the construction of the Proposal focused on the topics or variables addressed in the questionnaire.

#### **IV. ORGANIZATIONS CONSULTED**

##### **4.1. Barauda Territorial Council and the Municipality of Juan Francisco Bulnes.**

These organizations are settled in the so-called Cultural Zone, part of the buffer zone and a small area of the core zone of the Río Plátano Biosphere Reserve (RHBRP), of great ecosystem importance. With its 832,338 buffer hectares, the Cultural Zone has the particularity of being the settlement of native peoples (Miskitu, Garífuna and Pech), where the Barauda community is located, which is made up of three territorial sectors:

1. Tocamacho Sector, which include the communities of Tocamacho, San Isidro, San Pedro, Tram and Chicacoa.
2. Batalla Sector, which include the communities of Batalla, Pueblo Nuevo, Sagrado Corazón de Jesús, Coyoles, La Fe, Buena Vista and San Martín.
3. Plaplaya Sector, which include the communities of Plaplaya, Trujillo, Verijales, La Sabana, Barrio Castilla, Lazapulan, Porvenir, Cayos Las Flores and La Criba.

In administrative terms, these communities are located in the municipality of Juan Francisco Bulnes, in the department of Gracias a Dios. The total population of Barauda is 2,757 inhabitants: 2,410 (87%) of Garífuna origin, 184 Miskitus (7%), and 162 mestizos (6%).

##### **Economic Activities**

In Tocamacho, Batalla and Plaplaya economic activity is incipient. The main activities are:

- a) Subsistence agriculture.
- b) Artisanal fishing.
- c) Provision of public services (teachers, public officials, etc.).
- d) Commerce and transportation services.
- e) Employment in shrimp boats or in lobster fishing (using pots).

Approximately 25% of the economically active population (PEA) is dedicated to agriculture, and 18% to domestic activities as the main activity, complemented by agriculture.

#### **4.2. DIUNAT Territorial Council.**

The DIUNAT Territorial Council, located in the Municipality of Brus Laguna, includes seven (7) indigenous communities, these being Brus Laguna, Barra Patuca, Belén, Cocobila, Las Marías, Nueva Jerusalén and Río Plátano. The State of Honduras, through the Institute of Forest Conservation (ICF) and the National Agrarian Institute (INA), recognized the right of ancestral occupation of the Miskitu inhabitants of DIUNAT, thus granting in 2016, four (4) titles in full domain specifically for DIUNAT, and a fifth title with rights for three territorial councils. It should be noted that all this territory is also located within the limits of the Cultural Zone of the Río Plátano Biosphere Reserve for Man and the Río Plátano (RHBRP), for which mutual commitments for management and protection are established within the same titles. suitable for this area of the Reserve. The following table details the title areas.

The entire territory titled in favor of the DIUNAT Territorial Council is located within the physical limits of the "Cultural Zone" of the Río Plátano Man and Biosphere Reserve (RHBRP); This being the largest protected area in Honduras with 832,338 ha. It is also the most important not only because of its great wealth of flora and fauna, but also because of the ancestral presence of native peoples such as the Pech, the Miskitus, Tawahkas, and the Garífunas.

#### **Economic Activities**

A large part of the population is engaged in fishing or diving activities to extract lobster, conch, shrimp, sea cucumber and jellyfish, in the fishing banks of the Caribbean Sea.

#### **4.3. Honduran Miskitu Association of Sidabled Divers (AMHBLI, Brus Laguna).**

It represents more than 3,000 families affected by decompression syndrome due to lobster and sea cucumber diving. These families are the most vulnerable group in the entire coastal strip of the Muskitia of Honduras with an estimated 1,200 divers in conditions of disability and prostration. AMHBLI is currently negotiating rights claim recognition agreements.

#### **4.4. Asociation of Miskitu Indigenous Women: "MIMAT, Brus Laguna".**

An association that provides support to society in general in the execution of initiatives related to comprehensive social development and environmental protection, with the main objectives of integrating the human being as the main resource capable of changing the conditions of their environment, strengthening attitudes, that generate the necessary changes to achieve sustainable development and the development of social groups, especially the most vulnerable and the change of attitudes in favor of them, support activities aimed at achieving the reduction and eradication of poverty and gender equity and the healthy coexistence and support those organizations dedicated to improving water quality and human health.



#### **4.5. Garifuna Community Boards**

They are dynamic local structures with a lot of prominence in the Garífuna world. Their participation is key in the execution of the Project, as they are active members of the community.

#### **4.6. Unity of the Indigenous and Black People of Honduran Muskitia (UPINMH)**

This organization represents the four original peoples: Miskitus, Pech, Tawahkas and Garífunas of the Honduran Muskitia.

#### **4.7. Association of Miskitu Indigenous Women (Miskitu Indian Mairin nani Asla Takanka):**

The largest organization of Miskitu women in Gracias a Dios, with representation in all six municipalities. MIMAT, brings together organized nuclei of more than 1,200 Miskitu women. It is an association to provide support to society in general in the execution of initiatives related to comprehensive social development and environmental protection, with the main objectives of integrating the human being as the main resource. capable of changing the conditions of their environment, strengthening attitudes, which generate the necessary changes to achieve sustainable development and the development of social groups, especially the most vulnerable and the change of attitudes in favor of them, support activities aimed at achieving the reduction and eradication of poverty and gender equality and healthy coexistence and support those organizations that are dedicated to improving water quality and human health.

## **V. RESULTS OF THE CONSULTATION PROCESS**

An important segment of the population consulted was distributed into five (5) focus groups, which serve as the unit of measurement for the data shown below.

The information collected was reviewed, organized, and presented, through testimonials and summaries of the agreed contributions, grouped into two categories:

- a) Problems associated with climate change (CC), and
- b) Alternative solutions.

The category of Problems associated with climate change (CC) is broken down into the following five (5) prioritized development axes:

1. Home. Housing and other assets, utilities, etc.
2. Community infrastructure. Includes roads, public buildings, water and sanitation systems, drainage, energy, communications, etc.
3. Health and Education.
4. Livelihoods. Sources of food and/or income such as fishing, livestock, enterprises, agricultural crops, etc.
5. Woman. Differentiated impacts on women before, during and after the events.

## Graphic expression of the Consultation developed with the five (5) focus groups.

Considering the difficulty of extracting quantitative data from qualitative information, the number of events or situations manifested by each axis of development investigated has been tabulated first. Then, the problems mentioned by each Focus Group, considered as felt problems, were identified, and extracted. The frequency of mentions of each problem is what is expressed in the tables and graphs.

For purposes of graphic expression, the axes of development have been designated as categories and the number of mentions has been identified as events or situations. The graphic expression, part of the tables where the problems extracted from the opinions expressed by the focus groups are exposed. From these tables, graphs were designed that show the frequency peaks for each problem.

The graphic expression is presented independently by each Focus Group, and finally a table and graph are presented, to represent the most felt problems mentioned as common problems of the five (5) focus groups.

### 5.1. Problems associated with climate change (CC)

#### 5.1.1. Focus Group of Batalla, Juan Francisco Bulnes.

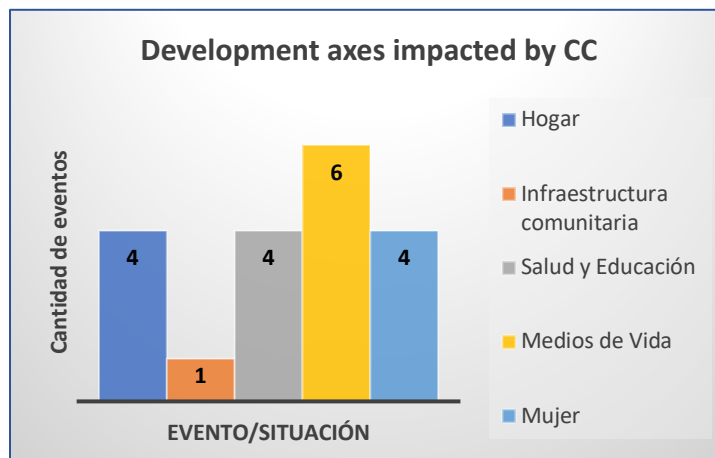
<b>Community</b>	<b>Batalla, Juan Francisco Bulnes</b>
<b>Focus Group Members</b>	Members of community boards, Health organizations, Network of organized women, education, ICF, fishermen, Youth Network, Barauda Territorial Council Technicians.

Problems faced	
Development Axis	Statements made by focus group members
<b>Household.</b> Housing and other assets, public services, etc..	<ul style="list-style-type: none"> <li>• <i>In 2005, after 3 weeks of rain, 52 houses were lost after a flood. As a result of this situation, 20 to 30 families left the community, never to return.</i></li> <li>• <i>We have adopted new housing designs that are not from our culture.</i></li> <li>• <i>"Maybe if we went back to our cultural designs with improved changes, our houses would be more resilient in the face of a disaster."</i></li> <li>• <i>In rainy season it floods and in dry season it dries up and affects production because it is impossible to have an irrigation system.</i></li> </ul>
<b>Community infrastructure.</b> Includes highways, public buildings, water and	<ul style="list-style-type: none"> <li>• <i>The community does not have a potable water system; the water is obtained from wells or rainwater collection. Years ago there was a water system, but it was lost in the 2005 flood and could not be recovered..</i></li> </ul>

Problems faced	
Development Axis	Statements made by focus group members
sanitation systems, drainage, energy, communications, etc.	
<b>Healthcare and Education.</b>	<ul style="list-style-type: none"> <li>• <i>Due to the consumption of well water and the use of semi-septic tanks, bacterial diseases and diarrhea are very common in children and adults.</i></li> <li>• <i>After a weather event, the cases of lung diseases, diarrhea and parasites increases, and there is no minimum healthcare system nor medications, despite having seven health units.</i></li> <li>• <i>When a climatic event arrives and there is no shelter, the educational centers are used, which are also affected, resulting in classes being suspended and their reactivation takes months.</i></li> <li>• <i>Young people do not have education or awareness about CC.</i></li> </ul>
<b>Livelihoods.</b> Sources of food and/or income such as fishing, livestock, enterprises, agricultural crops, etc.	<ul style="list-style-type: none"> <li>• <b><i>“HE WHO CARES ABOUT LIVESTOCK, DOES NOT CARE ABOUT TREES”</i></b></li> <li>• <i>“CC affects us as a population, every day at sea and in livestock, which is the greatest impact on nature due to deforestation and is not managed as a sustainable livestock production; the territorial environmental laws of La Moskitia are not respected.”</i></li> <li>• <i>“CC is felt in the sea waters and the impact has been felt in the low production of fish. In addition to the change of life regarding culture. Now there is excessive fishing and it is not only caught for consumption, but also for sale.</i></li> <li>• <i>The abuse of chemicals by farmers has contaminated the river and many fish have died. We live in the middle of the sea and the lagoon, there are no fish, nor laws that regulate divers from large vessels that do not respect the 12 nautical miles.”</i></li> <li>• <i>Extinct fish from the Bacalar Lagoon (Guapote, Jurel, Ronco, Manatee)</i></li> <li>• <i>Factors that affect the lagoon: garbage, excessive fishing and climate change.</i></li> </ul>
<b>Women.</b> Differentiated impacts on women before, during and after the events.	<ul style="list-style-type: none"> <li>• <i>“As Garifuna women, we are doubly affected because we are responsible for our families. We are the ones who dedicate ourselves to the land, and in situations of climatic events, it affects us psychologically since we worry that our crops will be lost. The majority are single women with children.”</i></li> <li>• <i>"In a climatic event, such as a hurricane that we know of in advance, we must harvest everything and prepare the cassava, the work is doubled as women."</i></li> <li>• <i>In Batalla there is an average of 150 producing families, in which the woman is the one who develops the work of food production (cassava, plantain, sweet potato, among others).</i></li> <li>• <i>Changes in the weather have affected plantings.</i></li> </ul>

*Development axes impacted by events associated with CC.*

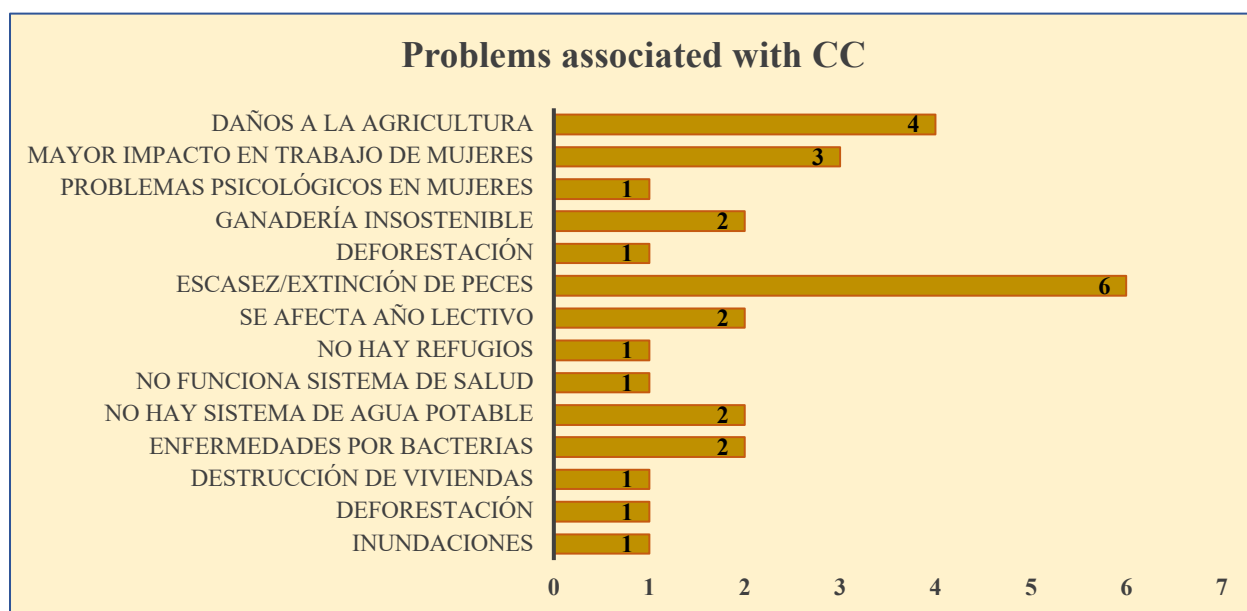
CATEGORY	EVENT / SITUATION
Household	4
Community infrastructure	1
Healthcare and Education	4
Livelihoods	6
Women	4



Livelihoods is the category most mentioned by the Focus Group of Batalla, registering six (6) events.

**Problems associated with cc and frequency of response by the Focus Group**

Problems	Frequency
Floods	1
Deforestation	1
Destruction of houses	1
Bacterial diseases	2
Lack of a drinking/potable water system	2
Health system does not work	1
No shelters	1
School year is affected	2
Fish scarcity/extinction	6
Deforestation	1
Unsustainable livestock production	2
Psychological problems in women	1
Greater impact on women's work	3
Damage to agriculture	4



In consultation with the Focus Group of Batalla, 14 problems associated with climate change (CC) were identified. Fish scarcity / extinction constitutes the problem most felt by the members of the Focus Group; it was mentioned six (6) times.

### 5.1.2. Focus Group of Barra Patuca, Brus Laguna.

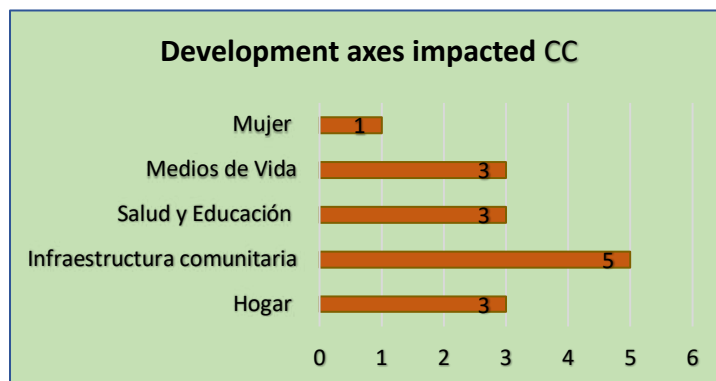
<b>Community</b>	<b>Barra Patuca, Brus Laguna</b>
<b>Focus Group Members</b>	Batiasta Territorial Council, Council of Elders. Community members, men and women. Technicians from the Batiasta Territorial Council

<b>Problems faced</b>	
<b>Development Axis</b>	<b>Statements made by focus group members</b>
<b>Household.</b> Housing and other assets, access to water, energy, etc.	<ul style="list-style-type: none"> <li>• “The water that the entire population consumes is not good, there is no drinking/potable water system, we use wells and rainwater collection, and the water contains a lot of iron; children are the most affected with stomach diseases.</li> <li>• At the school there is a water collection system, but when it does not rain, months go by without water.</li> <li>• There are no latrines.”</li> </ul>
<b>Community infrastructure.</b> Includes highways, public buildings, water and	<ul style="list-style-type: none"> <li>• “We live in a 100% vulnerable territory, well below sea level and surrounded by the Patuca River. In times of storms here everything is under water, no one can stay at home.</li> <li>• In recent years, God has saved us making the hurricanes deviate before reaching us, otherwise this would be another story.</li> </ul>

Problems faced	
Development Axis	Statements made by focus group members
sanitation systems, drainage, energy, communications, etc.	<ul style="list-style-type: none"> <li>• <i>We do not have an early warning system, nor is there an organization for that.</i></li> <li>• <i>The population coordinates to help each other, since some 8 thousand people must be mobilized and there is no safe shelter in a nearby place; most of them travel to Brus Laguna or Raititara where there is an area that is not subject to flooding, but there is no infrastructure to take refuge, just the bare earth. That place would be ideal for a shelter with the basic necessities.</i></li> <li>• <i>We do not have a boat that helps to mobilize, we do what we can.”</i></li> </ul>
<b>Healthcare and Education.</b>	<ul style="list-style-type: none"> <li>• <i>There are no medicines, and the health center works halfway; many times it is the nurses who do everything to help, but there is nothing, we live or survive thanks to God.</i></li> <li>• <i>Classes stop when a phenomenon hits, since the schools are often used as a refuge center; these do not have bathrooms and those that do have are in poor condition; their infrastructure is also in poor condition.</i></li> <li>• <i>Children receive classes in inadequate conditions.</i></li> </ul>
<b>Livelihoods.</b> Sources of food and/or income such as fishing, livestock, enterprises, agricultural crops, etc.	<ul style="list-style-type: none"> <li>• <i>"We live from fishing and agriculture, we cultivate beans in large quantities, but with the recent floods, we lost all the crops; we are even buying for our consumption, with CC and so much rain we no longer know when to cultivate; the soil is not absorbing the water and it is causing the crops to rot."</i></li> <li>• <i>After 3 earthquakes that have been experienced, we have seen changes on the earth: appearance of many large swamps, which is not good.</i></li> <li>• <i>All food is vulnerable. With some small rains, the Tasbarraya and Sutuk communities are left under water.</i></li> </ul>
<b>Women.</b> Differentiated impacts on women before, during and after the events.	<ul style="list-style-type: none"> <li>• <i>Women are responsible for the household, children and are in charge that everyone is well; sometimes we do not have time for how we feel, since we have to concentrate on work or looking for food.</i></li> </ul>

*Development axes impacted by events associated with CC.*

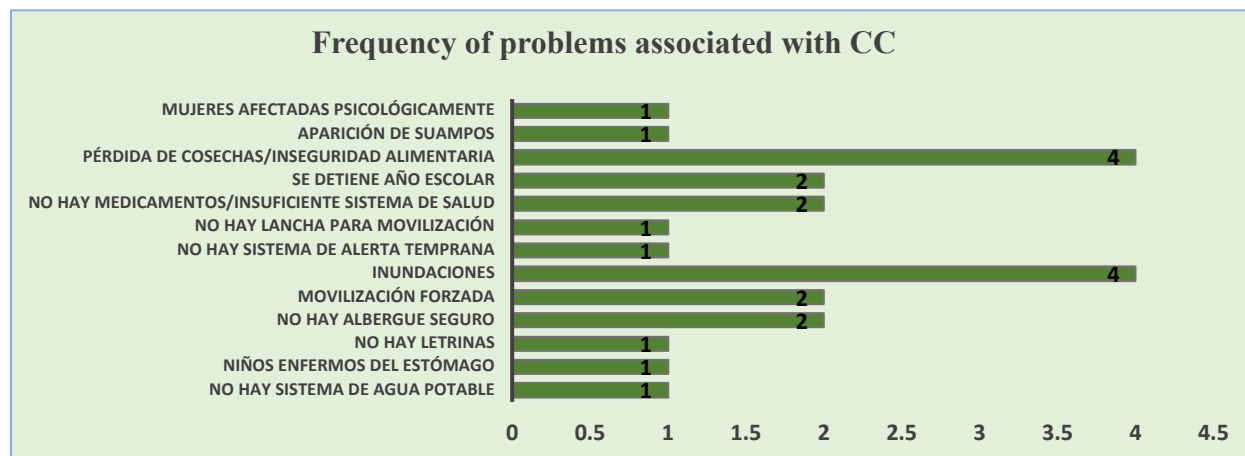
CATEGORY	EVENT / SITUATION
Household	3
Community infrastructure	5
Healthcare and Education	3
Livelihoods	3
Women	1



Community infrastructure, is the category most mentioned by the Focus Group of Barra Patuca, registering five (5) events.

**Problems associated with CC and frequency of response by the Focus Group**

Problems	Frequency
Lack of a drinking/potable water system	1
Children with stomach sicknesses	1
No latrines	1
Lack of a safe shelter	2
Forced mobilization	2
Floods	4
Lack of an early warning system	1
Lack of boat for mobilization	1
No medicines/Insufficient health system	2
School year stops	2
Crop loss/Food insecurity	4
Appearance of swamps	1
Women psychologically affected	1



In consultation with the Focus Group of Barra Patuca, 13 problems associated with climate change (CC) were identified. Floods and crop loss are the problems most felt by the members of the Focus Group, the problem was mentioned four (4) times.

### 5.1.3. Focus Group of Belén, Brus Laguna.

<b>Community</b>	<b>Belén, Brus Laguna</b>
<b>Focus Group Members</b>	Community boards, community teachers, civil society (community members, men and women).

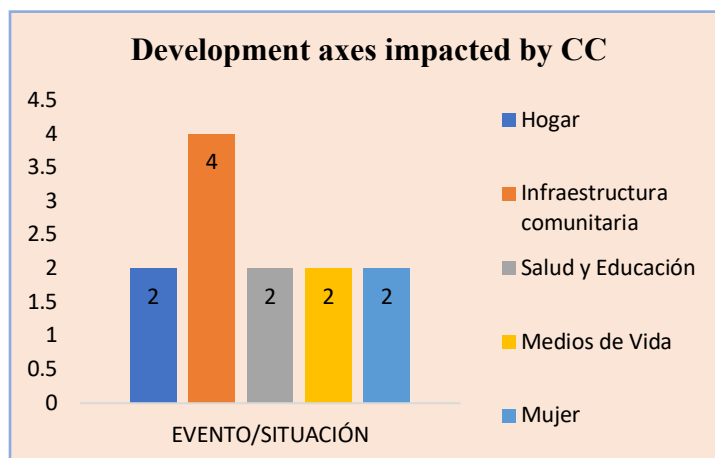
<b>Problems faced</b>	
<b>Development Axis</b>	<b>Statements made by focus group members</b>
<b>Household.</b> Housing and other assets, access to water, energy, etc.	<ul style="list-style-type: none"> <li>• <i>“We do not have drinking/potable water, we use a water pump or wells, rainwater is also collected; when it rains a lot, these wells flood.</i></li> <li>• <i>Most do not have a latrine; in many cases the population defecates in the lagoon.”</i></li> </ul>
<b>Community infrastructure.</b> Includes highways, public buildings, water and sanitation systems, drainage, energy, communications, etc.	<ul style="list-style-type: none"> <li>• <i>“When a hurricane or flood arrives, we go to the other side of the lagoon, we do not have a safe refuge and everything floods here; the lagoon grows and the sea rises, but most of inhabitants stay home, since there is no way or means to get around.</i></li> <li>• <i>After disasters we lose everything, we just have to survive, and wait for the help that comes from outside.</i></li> <li>• <i>When it rains a lot, all the water stagnates in the lower areas and takes a long time to go down. Before, they had drains that helped prevent this, but they were covered and lost.</i></li> <li>• <i>Early warning system: there used to be a CODEM, but it is not active, and there is no presence of COPECO either.”</i></li> </ul>
<b>Healthcare and Education.</b>	<ul style="list-style-type: none"> <li>• <i>The increase in diseases occurs long after a flood or hurricane with all the pollution left, leading to diarrhea and skin problems because children are exposed to contaminated water</i></li> <li>• <i>No medications.</i></li> </ul>
<b>Livelihoods.</b> Sources of food and/or income such as fishing, livestock, enterprises, agricultural crops, etc.	<ul style="list-style-type: none"> <li>• <i>“There are no fish like before, you can no longer go and bring fish for lunch; now you have to spend all day in the sea or the lagoon to catch 3 fish.</i></li> <li>• <i>Lack of authority that controls fishing.”</i></li> </ul>
<b>Women.</b> Differentiated impacts on women	<ul style="list-style-type: none"> <li>• <i>When there are floods, we have to work more as women, since we are the ones in charge of food and water in the house, we have to walk long distances to find it.</i></li> </ul>



Problems faced	
Development Axis	Statements made by focus group members
before, during and after the events.	<ul style="list-style-type: none"> <li>The multiple concerns affect us as women, we are responsible for our homes</li> </ul>

*Development axes impacted by events associated with CC.*

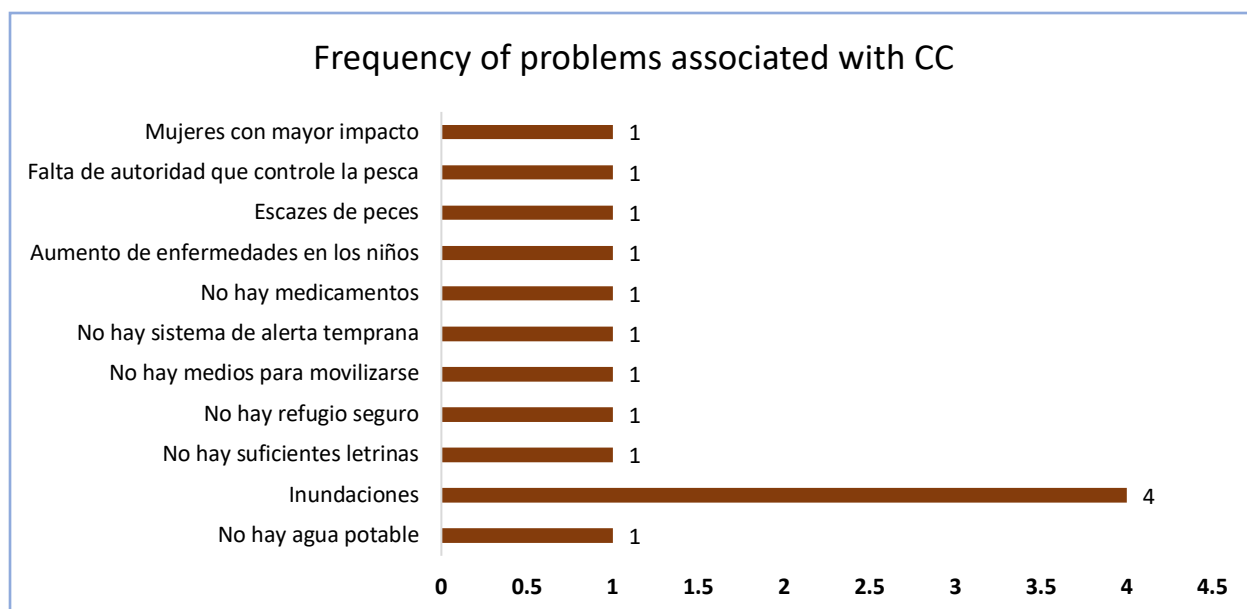
CATEGORY	EVENT / SITUATION
Household	2
Community infrastructure	4
Healthcare and Education	2
Livelihoods	2
Women	2



Community infrastructure is the category most mentioned by the Focus Group of Belén, registering four (4) events.

**Problems associated with CC and frequency of response by the Focus Group**

Problems	Frequency
Lack of a drinking/potable water	1
Floods	4
Insufficient latrines	1
No safe shelter	1
Lack of means for mobilization	1
Lack of an early warning system	1
No medication	1
Increased illness in children	1
Fish scarcity	1
Lack of authorities to control fishing	1
Greater impact on women	1



In consultation with the Focus Group of Belén, 11 problems associated with climate change (CC) were identified. Floods constitute the problem most felt by the members of the Focus Group, the problem was mentioned four (4) times.

#### 5.1.4. Focus Group (Male) of Brus Laguna, Brus Laguna.

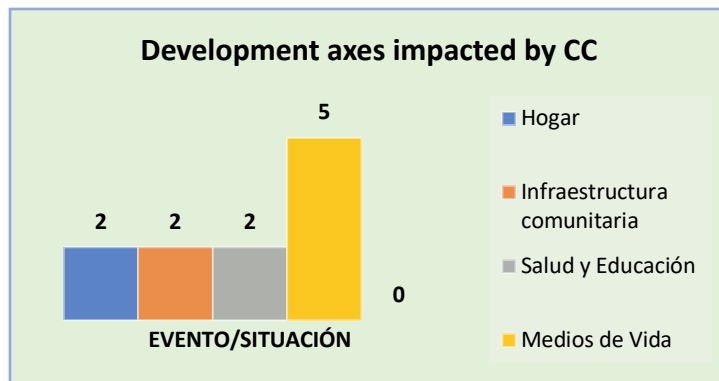
<b>Community</b>	<b>Brus Laguna, Brus Laguna</b>
<b>Focus Group Members</b>	Council of Elders, AMHBLI, ICF, Association of Fishermen and Association of Pastors.

<b>Problems faced</b>	
<b>Development Axis</b>	<b>Statements made by focus group members</b>
<b>Household.</b> Housing and other assets, access to water, energy, etc.	<ul style="list-style-type: none"> <li>• <i>“Brus Laguna does not have a potable water system; a long time ago we had one, but it gradually deteriorated, and during a flood the entire system ended up being lost.</i></li> <li>• <i>Through the church, pumps and wells have been installed for each neighborhood and those who have money have installed it privately in their homes. We do not know about the quality of that water; we do know that there are many children who have stomach problems and diarrhea.”</i></li> </ul>
<b>Community infrastructure.</b> Includes highways, public buildings, water and sanitation systems, drainage, energy,	<ul style="list-style-type: none"> <li>• <i>COPECO exists but is insufficient, it does not effectively operate; the municipality does not have logistics for an emergency.</i></li> <li>• <i>Brus does not have a proper water system.</i></li> </ul>

Problems faced	
Development Axis	Statements made by focus group members
communications, etc.	
<b>Healthcare and Education.</b>	<ul style="list-style-type: none"> <li>• <i>“The schools serve as a shelter in the event of a hurricane warning, people from Patuca arrive in Brus and many from the coast are the ones who are located in the schools; when the hurricane passes and since they are not from the area, they take up to three months to return to their homes.</i></li> <li>• <i>Classes are suspended and since there is no firewood for cooking, many times they use the desks for firewood; the losses are suffered by the schools.”</i></li> </ul>
<b>Livelihoods.</b> Sources of food and/or income such as fishing, livestock, enterprises, agricultural crops, etc.	<ul style="list-style-type: none"> <li>• <i>“Climate changes or hurricanes used to rarely occur, but in recent years they have been more frequent, and now it's not just hurricanes, with heavy rains we get flooded and with the creation of the Patuca dam, it has gotten worse. The farms are flooded by the rain and then the discharges from that dam drown the crops. Last year we lost everything we had planted, and we cannot do anything to avoid the flooding, our community is located in lowlands.</i></li> <li>• <i>We live from the sowing of basic grains, and each product was harvested once a year, now we know that our winter begins in June; if we do not cultivate in the first months of the year, nothing has been done, and then CC finishes us off, affecting our population's food security; there is no proper cattle management, no one implements a silvopastoral system in order to recover the forest.</i></li> <li>• <i>Planting cycles are no longer the same and we have not been able to identify them. We are constantly losing.</i></li> <li>• <i>CC also affects the fish due to the warming of the waters, mainly affecting the artisanal fisherman.</i></li> <li>• <i>The contamination that occurs in the mountains with pesticides and other poisons goes into the lagoon when it rains.”</i></li> </ul>
<b>Women.</b> Differentiated impacts on women before, during and after the events.	<ul style="list-style-type: none"> <li>• The subject was not brought up in this group because they were all men.</li> </ul>

### Development axes impacted by events associated with CC.

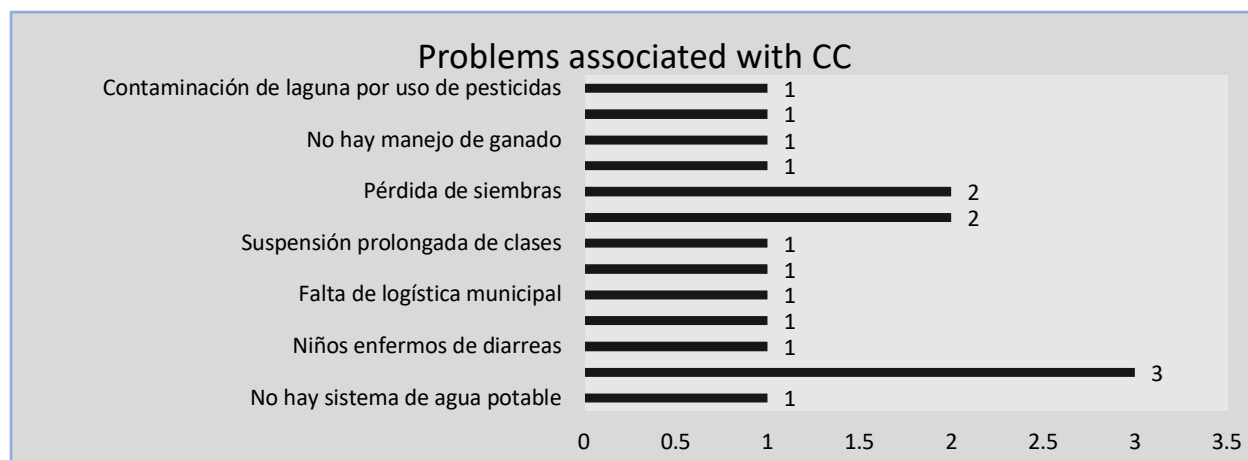
CATEGORY	EVENT / SITUATION
Household	2
Community infrastructure	2
Healthcare and Education	2
Livelihoods	5
Women	0



Livelihoods is the category most mentioned by the Brus Laguna Male Focus Group, registering five (5) events.

### Problems associated with CC and frequency of response by the Focus Group.

Problems	Frequency
Lack of a drinking/potable water system	1
Floods	3
Sick children with diarrhea	1
COPECO does not operate efficiently	1
Lack of municipal logistics	1
Overcrowding of foreigners in a makeshift shelter (school)	1
Prolonged suspension of classes	1
Hurricanes	2
Crop loss	2
No silvopastoral system	1
Improper cattle management	1
Planting cycles are no longer identified	1
Contamination of the lagoon due to the use of pesticides	1



In the consultation with the male Focus Group of Brus Laguna, 13 problems associated with climate change (CC) were identified. Floods constitute the problem most felt by the members of the Focus Group, the problem was mentioned three (3) times.

### 5.1.5. Focus Group (Female) Barra Patuca, Brus Laguna.

<b>Community</b>	<b>Brus Laguna, Brus Laguna</b>
<b>Grupo Focal</b>	Organized Women (MIMAT), WMO Coordinator

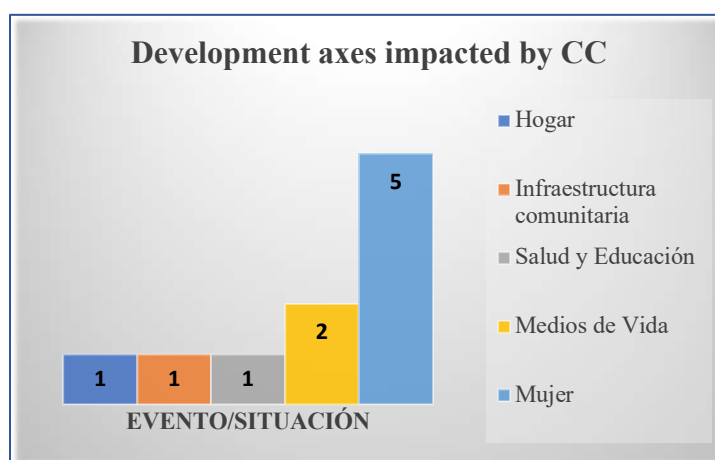
**Note.** The Focus Group of women in Brus Laguna was carried out separately because we wanted to know the feelings of the women, without having the presence of any man

<b>Problems faced</b>	
<b>Development Axis</b>	<b>Statements made by focus group members</b>
<b>Household.</b> Housing and other assets, access to water, energy, etc.	<ul style="list-style-type: none"> <li>• <i>"We do not have good water, there is no water; only wells and when it rains they fill up and become contaminated, due to overflowing; then we are forced to drink rainwater."</i></li> </ul>
<b>Community infrastructure.</b> Includes highways, public buildings, water and sanitation systems, drainage, energy, communications, etc.	<ul style="list-style-type: none"> <li>• <i>"The discharge of the Patuca dam (three this year) damaged twice as many crops; the floods lasted almost 3 or 4 weeks leaving us without food. We have had to buy all the food: the women make bread and snacks to support the family."</i></li> </ul>
<b>Healthcare and Education.</b>	<ul style="list-style-type: none"> <li>• When floods occur, the children can get in contact with dirty water, then skin diseases and respiratory problems occur in both children and adults; they are the most affected and do not have the necessary medicines.</li> </ul>
<b>Livelihoods.</b> Sources of food and/or income such as fishing, livestock, enterprises, agricultural crops, etc.	<ul style="list-style-type: none"> <li>• We live from fishing, but with pollution and climate change, fish for consumption is now limited; most fishing goes for sale to fishing companies. The lagoon no longer has fish.</li> <li>• With the floods, everything that had been planted was lost, the organizations and the mayor's office have managed to find seeds to re-plant, but we need to learn appropriate planting technique with resistant seeds</li> </ul>
<b>Women.</b> Differentiated impacts on women	<ul style="list-style-type: none"> <li>• <i>"In Brus Laguna there is a group of approximately 200 organized women who work in different enterprises, most of them are single and heads of households."</i></li> <li>• <i>Currently there are no projects for women.</i></li> </ul>

Problems faced	
Development Axis	Statements made by focus group members
before, during and after the events.	<ul style="list-style-type: none"> <li>• <i>CC is real, we feel it and for women it is more shocking, not only because we feel the consequences when we lose everything, but because of the concerns for our children.</i></li> <li>• <i>As women, from the Women's Office, we are promoting the initiative of family orchards, planting sweet chili, bananas, melons, chayote; we do what we can.</i></li> <li>• <i>40% of Miskito women suffer from significant domestic and gender violence, but nobody says or does anything."</i></li> </ul>

### Development axes impacted by events associated with CC.

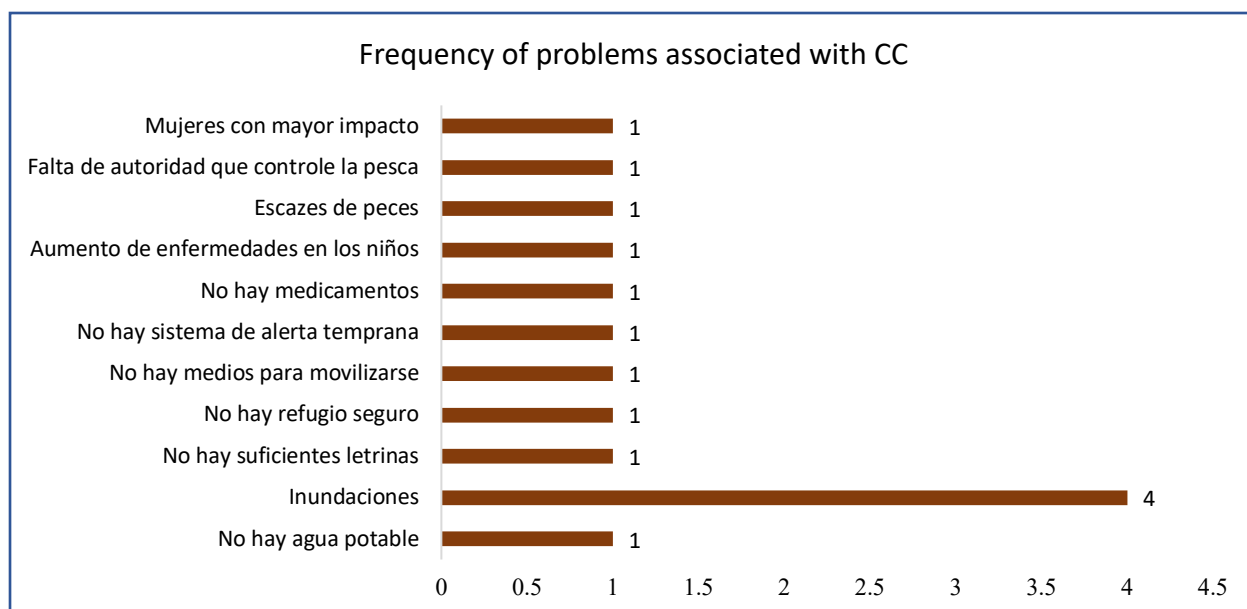
CATEGORY	EVENT / SITUATION
Household	1
Community infrastructure	1
Healthcare and Education	1
Livelihoods	2
Women	5



Women is the category most mentioned by the Brus Laguna Women's Focus Group, registering five (5) events.

### Problems associated with CC and frequency of response by the Focus Group

Problems	Frequency
Lack of a drinking/potable water	1
Floods	4
Insufficient latrines	1
No safe shelter	1
Lack of means for mobilization	1
Lack of an early warning system	1
No medication	1
Increased illness in children	1
Fish scarcity	1
Lack of authorities to control fishing	1
Greater impact on women	1

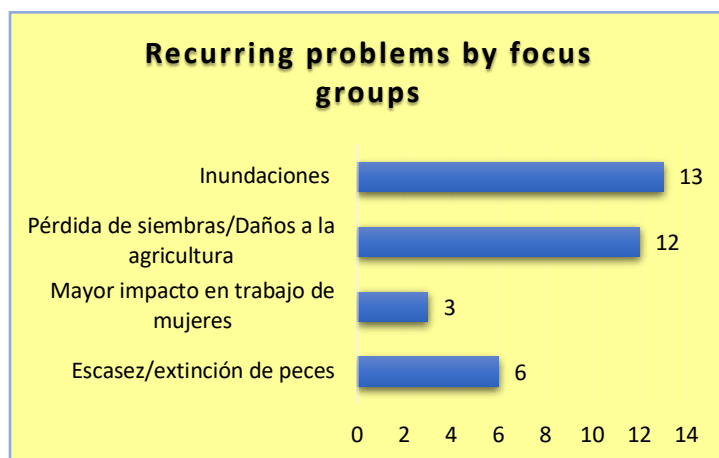


In the consultation with the female Focus Group of Brus Laguna, 11 problems associated with climate change (CC) were identified. Floods constitute the problem most felt by the members of the Focus Group, the problem was mentioned four (4) times.

### Synthesis of recurring problems associated with climate change.

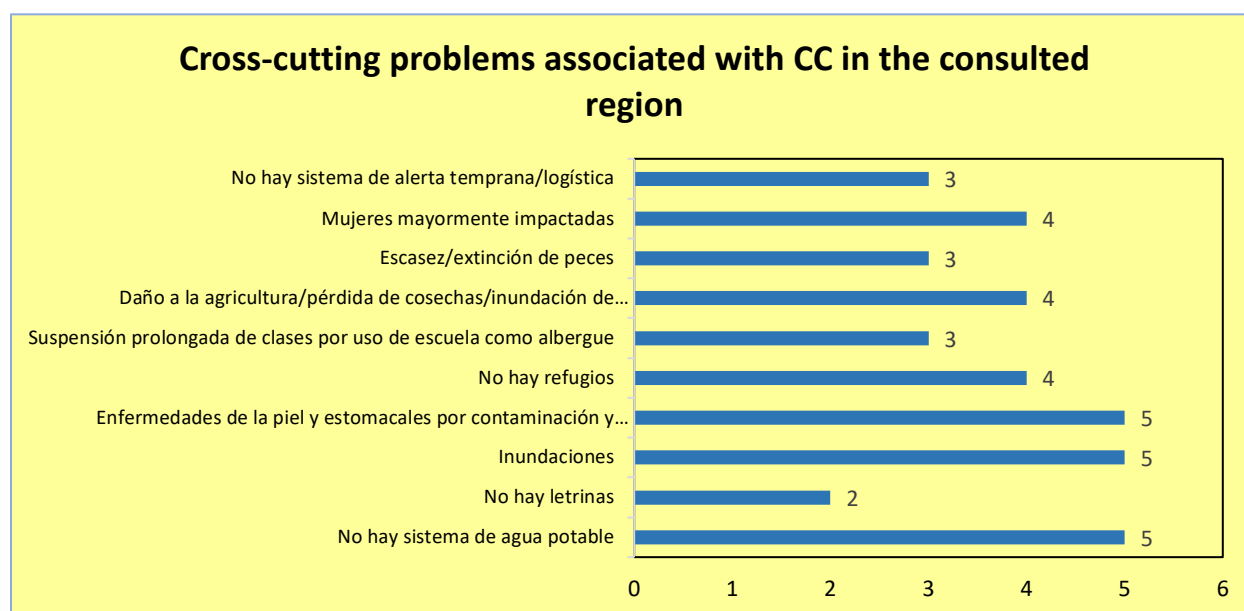
The population consulted through the five (5) focus groups considers that flooding constitutes the most serious recurring problem (13 mentions), followed by the loss of crops and other damage to agriculture (12), which make access to food difficult. The situation is aggravated with the scarcity / extinction of fish, which have constituted a nutritional base of great value for the peoples of the coastal strip. The latter leads to more severe impacts on the work of women, due to their leadership in the family unit and in the carrying out productive activities.

Problems	Frequency
Fish scarcity/extinction	6
Greater impact on women's work	3
Loss of crops /Damage to agriculture	12
Floods	13



## Cross-cutting problems associated with CC in the consulted region.

Problem	Number of focus groups
Lack of a drinking/potable water system	5
No latrines	2
Floods	5
Skin and stomach diseases due to pollution and bacteria	5
No shelters	4
Prolonged suspension of classes as a result of using the school as a shelter	3
Damage to agriculture/loss of crops/flooding of crops	4
Fish scarcity/extinction	3
Women are the most impacted	4
Lack of an early warning system/logistics	3



From this grouping of ten problems, it can be deduced that at least three (3) problems are cross-cutting throughout the consulted region:

1. Floods,
2. Lack of drinking/potable water systems, and
3. Skin and stomach diseases due to pollution and bacteria.

Given the little or no government presence and the absence of structural solutions, this combination of recurring events and human and ecosystem vulnerabilities lead to severe damage associated with climate change.



## 5.2. Solution proposals

It is noteworthy that the consultation did not contemplate a definition of criteria, premises or alternatives or an exercise in selecting alternatives that best solve the problem raised, therefore, the category of Solution Proposals, includes approaches resulting from experience, knowledge, creativity, intuition and good judgment of the focus groups members.

### 5.2.1. Focus Group of Batalla, Juan Francisco Bulnes.

Community	Batalla, Juan Francisco Bulnes
Focus Group Members	Members of community boards, Health organizations, Network of organized women, education, ICF, fishermen, Youth Network, Barauda Territorial Council Technicians.
Proposed solutions	
<ol style="list-style-type: none"> <li>1. <i>Strengthen communities in the face of a climatic disaster by means of establishing early warning systems.</i></li> <li>2. <i>Activate radio frequency communication (when there are climatic events, the telephone signal is lost and there is no way to communicate).</i></li> <li>3. <i>Installation of a safe shelter with all the required necessities.</i></li> <li>4. <i>Build a breakwater barrier that mitigates the entry of water into the community.</i></li> </ol>	

### 5.2.2. Focus Group of Barra Patuca, Brus Laguna.

Community	Barra Patuca, Brus Laguna
Focus Group Members	Batiasta Territorial Council, Council of Elders. Community members, men and women. Technicians from the Batiasta Territorial Council
Proposed solutions	
<ol style="list-style-type: none"> <li>1. <i>Creation of a shelter with a high storage capacity.</i></li> <li>2. <i>Use of boat ambulances that help in any emergency.</i></li> <li>3. <i>Create a radio monitoring center.</i></li> <li>4. <i>"Approximately 10 kilometers of barrier would be needed so that the sea does not continue entering the land; 2 years ago we used to walk 1 kilometer to get to the beach, now it is 20 steps away, which leads to increased uncertainty and concern.</i></li> <li>5. <i>Reforestation and a concrete or stone breakwater wall would help us."</i></li> <li>6. <i>The community must make changes in the design of the new household constructions so that they are resistant to a storm or climatic event.</i></li> </ol>	

### 5.2.3. Focus Group of Belén, Brus Laguna.

Community	Belén, Brus Laguna
Focus Group Members	Community boards, community teachers, civil society (community members, men and women).
Proposed solutions	
<ol style="list-style-type: none"> <li>1. <i>Have a safe shelter in place.</i></li> <li>2. <i>Have boats to mobilize people during a time of emergency.</i></li> <li>3. <i>Create a drainage system to help quickly evacuate the water towards the lagoon.</i></li> </ol>	

### 5.2.4. Focus Group (Male) of Brus Laguna, Brus Laguna.

Community	Brus Laguna, Brus Laguna
Focus Group Members	Council of Elders, AMHBLI, ICF, Association of Fishermen and Association of Pastors.
Proposed solutions	
<ol style="list-style-type: none"> <li>1. <i>Construction of a shelter.</i></li> <li>2. <i>"The barriers in the beach area are essential, we must reforest with mangrove to avoid soil degradation."</i></li> <li>3. <i>Return to the breeding of iguanas and crocodiles (the conservation of our animals).</i></li> <li>4. <i>Research of the new planting times.</i></li> <li>5. <i>"Use Creole seeds for our area."</i></li> </ol>	

### 5.2.5. Focus Group (Female) of Brus Laguna, Brus Laguna.

Community	Brus Laguna, Brus Laguna
Grupo Focal	Organized Women (MIMAT), WMO Coordinator
Proposed solutions	
<ol style="list-style-type: none"> <li>1. <i>Seed capital support would greatly benefit us.</i></li> </ol>	

## 5.3. Gender Dynamics in the Face of Climate Change.

Gender dynamics in relation to climate change must be interpreted from a comprehensive perspective, given that four ethnic peoples converge in the Miskitu territory with their own Cosmo Vision, intervening in the same lands but maintaining their cultures and traditions, very marked in their differences.

*Gender is defined as the behaviors, tasks and responsibilities that a society designates as "masculine" or "feminine". These are deeply intertwined with sustaining all types of livelihood systems and with natural resource management in rural communities.*

The two differentiated cultures, such as the Garífuna and Miskitu cultures, as they mentioned in the consultation process, both live, feed and maintain their worldview attached to nature. This is your guide and your livelihood, and the vulnerability of this is the relative vulnerability of men and women, and for this it is essential to understand how climate change affects gender roles, and at the same time, how these roles influence in the administration of natural resources and the adaptation strategies of these populations.

### **Roles (Garífuna Culture).**

Men and women have ancestrally marked their role in the Garífuna culture, based on subsistence agriculture, gathering and fishing, where the matriarchal figure is the guide and support of every family; the woman is the one who brings the food home, in charge of raising the children. The Garífuna woman begins her workday at four in the morning, walking towards her plots of land, generally to clean and take care of her cassava, plantain and sometimes sweet potato or yam crops; remove brush, collect fruit or firewood. She then returns home with a load of firewood on her back, ready to get the children ready for school.



Garífuna Women in the Batalla Community coming back from the agriculture fields.

The women, in addition to agricultural and domestic activities, carries out economic activities such as making cassava or bread, to sell locally and obtain money to buy other food, medicines or other goods for domestic consumption. The Garífuna women who remain in the community are generally older; Garífuna youth migrate to the cities as adolescents, for study or work. Women who leave when they are young, when they become mothers, send their children to be taken care of by their grandmothers, so there are many adult women looking after their grandchildren.

Men, for their part, are, generally, absent fathers and those who belong to a family nucleus are in charge of providing financial assistance for the household. Their work is generally on the high seas, leaving on international fishing boats for long periods of time. When they return, they help clean up the women's plots and do subsistence fishing. In the afternoon they play dominoes.

*"Anonymous (Garífuna Woman) The Garífuna man knows his role as a man, if we would like them to help us more, but ancestrally that is how women were raised, we are the ones who work and maintain the home, the man brings us the fish and makes us happy at night."*

## **Role (Miskitu Culture)**

### **Gender Dynamics in the Miskitu Culture**

Traditionally the Miskitu culture is based on agriculture, fishing, hunting, and gathering. In men there is a long tradition of leaving their community for economic and social activities. In the absence of men, women maintain the domestic economy. The whole family participates in agriculture.

The women work actively in planting and harvesting. It is common to see a family group, including women, young people, and children, returning from their farms loaded with food. Hunting with firearms is masculine; the women hunt small animals; it is an activity of opportunity, since they do not use weapons. Deep sea fishing is for men, but fishing in rivers and lagoons involves the whole family. Marketing activities are assumed by both sexes and, in the transformation of agricultural and marine products, women participate to a greater degree. Both, men and women participate in professional and domestic jobs. Women have assumed a matriarchal leadership role in their families.



*Miskitu women working in agriculture.*

Gender roles are changing rapidly as women take on more traditional male responsibilities, although they often do so to fill in for the absent man as there is a tendency to have non-permanent male partners. This has forced women to be heads of household and to assume male responsibilities in the communities, which significantly increases their workload, and their responsibility in the provision of goods and food for the family. Their eventual partners contribute to the maintenance of the family when the relationship is active.

There is an active participation of women in agricultural production, river fishing, grocery stores, restaurants, and canteens. Therefore, it can be affirmed that, culturally, women can assume, and in fact do assume, an active role in the local economy, it can also be highlighted that they can improve their access to the decision-making mechanisms of the community because they are in many households the head of the household and their representative.

### **Impact and Vulnerability of Gender to Climate Change.**

General gender roles are affected by climate change, increasing deficiencies due to lack of access to their own livelihoods. Women experience an additional burden in their responsibilities, being the heads of the household and, at the same time, responsible for working on their land, when facing difficulties with access to water in summer seasons, or floods in winter seasons; They are

forced to travel long distances to obtain water for their consumption, or forced to use contaminated water, causing gastrointestinal diseases in their families, and suffering losses in their crops.

In the other hand, the men, have had to leave their communities in search of work, as a consequence of the difficult access to fishing for sustenance, forcing them to abandon their lands, work under difficult conditions at the expense of death, as is the case of the who practice diving to hunt lobster and sea cucumber. Most of them work on boats where, in order to endure more time submerged at great depths, they are given drugs and, unaware of the consequences, end up crippled in a state of prostration due to oxygen decompensation.



The resilience of the Miskitu people is admirable and focusing the efforts that men and women face in the face of climate change is essential.

## **VI. CONCLUSIONS**

1. Women are the pillar in the Miskitu territory and have specific needs, they are the ones who tend to remain in their communities, so investment must be made in the relocation of their homes in vulnerable conditions. Action and implementation strategies can be differentiated for men and women, but both must be supported, to enhance community resilience.
2. Information was identified and obtained on how, over the years, the population consulted has faced and experienced the impact of climatic phenomena on their lives and work, and has also learned about actions that they are currently developing to face their situation, without resources and with little knowledge.
3. It is essential to work to obtain access to drinking water, for the creation of new agricultural and fishing practices through strengthening and access to resistant and adaptable seeds, to preserve their livelihoods, which would lead to better nutrition and health. Improvements should be made to the infrastructure of medical centers and schools, which function as shelters in case of emergencies.
4. The Results of the Consultation must be shared with the people in the sample, with the authorities of health, education, ICF and municipal government instances of both municipalities, with whom the conversation was held.

## VII. ANNEXES

### Annex 1. List of participants in the consultation.


**PROGRAMA PRAWANKA**  
**LISTADO DE PARTICIPANTES**

**Programa "Desarrollo Económico Inclusivo Territorial DEIT-Moskitia"**

Taller, reunion; gira, capacitación : Desarrollo de grupo focal levantamiento de información adaptación al cambio climático  
 Lugar del Evento : Bras Laguna, zona costera, Rio platano  
 Fecha del Evento : 28/02/2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Rosa Alba Smith Zelaya	X			Cocahila		3245 2810	Rosa
2	Abelma Wao Medina	X		0902-1965-0430	"		99-99-42-13	Abelma
3	Esty Pedro Smith	X		0702-19700976	"		38183678	Esty
4	Lesdi Smith Antonio	X			"		3315 63 38	Lesdi
5	Cesly Herrera Pedraza	X		1993-10120029	Rio Platano		87-85-30-77	Cesly
6	Selvia Carolina Montez	X		1982-10161029	"		87-35-32-27	Selvia
7	Carla Leiba Smith	X		0902-20050018	"		3016 66 18	Carla
8	William Juliano Melina	X		0902-20120026	"		32219545	William
9	Halstín Pedro Smith	X		0902-19860399	"		8881 48 93	Halstín
10	Merlina Martínez St.	X		0702-19590012	"		97190654	Merlina
11	Domingo Leiba	X		0902-19810037	"		87-37-74-62	Domingo
12	Marneli Ramos Allen	X		0902-1987-00183	M. Jobergale	Amo de casa	33-96-60-27	Marneli Ramos A.
13	Dianeth MacLouth	X			"	ama de casa		Dianeth
14	Dany Cinthya Huila Ariza	X		0902-19901163	"	ama de casa	3246-7738	Dany
15	FLAVI BOSCAHI	X			"	ama de casa	3206 66 24	Flavi

OBSERVACIONES GENERALES






**PROGRAMA PRAWANKA**  
**LISTADO DE PARTICIPANTES**

**Programa "Desarrollo Económico Inclusivo Territorial DEIT-Moskitia"**

Taller, reunion; gira, capacitación : Desarrollo de grupo focal levantamiento de información adaptación al cambio climático  
 Lugar del Evento : Bras Laguna, zona costera, Rio platano  
 Fecha del Evento : 28/02/2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Berta Colman Alvarez	X		0902-19840655	Rio Platano	Amo de casa		Berta
2	Wyn Wilson Flores	X		0904-2001-00030	"			Wyn
3	Wendy Miller Allen	X		0902-1975-06186	"			Wendy
4	Roberta Estrella E.	X		0902-1981-00159	Belen	Docente	87876623	Roberta
5	Hardy Richard Rojas Jelen	X		0702-198800074	Rio Platano	Profesor de escuela	8831-2114	Hardy
6	Maria Julia Jobergale	X		0902-1985-00038	Belen		88289842	Maria
7	Wendy Wilson Flores	X		0902-2003-00030	Belen		8933-5067	Wendy
8	Nubia Devis Herrera	X		0702-1985-00444	Belen		87156175	Nubia
9	Loida Valeriano	X		0902-1987-00394	Buenos Aires		32636640	Loida Valeriano
10	Elsy Platano	X		0902-201500177	Belen		89398250	Elsy
11	Milita Roguero	X		0702-1972-00257	Belen		895041071	Milita Roguero
12	Elvira Madroñe	X		06106000	Belen	Amadora	89738197	Elvira
13	Yanda Rivera C.	X		0902-1981-00372	Belen	Estudiante	81353327	Yanda
14	Diana Huerta	X			Buenos Aires	Amadora	NS	Diana
15	Erasmio Wood	X		0902-1987-00030	Belo		88425910	Erasmio

OBSERVACIONES GENERALES



PROGRAMA PRAWANKA  
LISTADO DE PARTICIPANTES

Programa "Desarrollo Económico Inclusivo Territorial DEIT-Moskita"

Taller, reunion; gira, capacitación :  
Lugar del Evento :  
Fecha del Evento :

Desarrollo de grupo focal, levantamiento de información adaptación al cambio climático  
En la laguna, zona costera, Rio platano  
28/02/2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Berta Colman Alvarez	X		0902198740655	no platano	Amalhecaso	-	Berta
2	Xenia Wilson Flores		X	0904-2001-00056	"	"	-	Xenia
3	Walter Miller Allen		X	0902-1975-06186	"	"	-	Walter
4	Roberto Esteban E.		X	0902198700074	Belen	Docente	87876623	Roberto
5	Hardy Richard Rojas Jdan	X		0902198700074	Belen	Docente	8731-2114	Hardy
6	Maria Julia Jose Cuervo		X	0902198700074	Belen	"	88-289842	Maria
7	Wilsone Ebank Apanton		X	0902 2008-00030	Belen	"	8953-5067	Wilsone
8	Nudian Davis Herrera		X	0902 1995-00414	Belen	"	89156175	Nudian
9	Loida Valeriano		X	0902 1987-00394	Caupiza	"	32636640	Loida Valeriano
10	Luis Platino		X	0902 2015-00177	Belen	"	89397250	Luis Platino
11	Mirya Bequin		X	0902199700357	Belen	"	89504071	Mirya Bequin
12	Elvia Martinez		X	0610611990	Belen	Asesoradora	84738179	Elvia
13	Vanda Rivera C.		X	22/11/2011	Belen	Estudiante	873533-27	Vanda
14	Diana Huete		X	0902197700072	Belen	BUSO	NC	Diana
15	Crasna Wood		X	0902-1967-00060	Belo	"	88423910	Crasna
16								

OBSERVACIONES GENERALES



PROGRAMA PRAWANKA  
LISTADO DE PARTICIPANTES

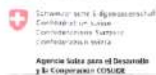
Programa "Desarrollo Económico Inclusivo Territorial DEIT-Moskita"

Taller, reunion; gira, capacitación :  
Lugar del Evento :  
Fecha del Evento :

Desarrollo de grupo focal, levantamiento de información adaptación al cambio climático.  
En la laguna, zona costera, Rio platano  
27/02/2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Josue Nicolas		X	0105199100132	Batalla	Técnico/Bancud	87574194	Josue
2	Nidia Romero		X	09021970-00308	Batalla	D.M.M	32-250473	Nidia
3	Lourdes Trujillo		X	0203199400037	Batalla	Junta Agua	32157896	Lourdes
4	Dayna M. Flores C.		X	0203196800112	Buena Vista	patro neta	96373909	Dayna
5	Janeth Cecilia Castillo		X	0103196700177	Buena Vista	Patronala	32096756	Janeth
6	Pedro Jovan Suazo Martinez		X	0203197000122	Batalla	Wahoyari	31517954	Pedro
7	Marlen Edith Navajas		X	0501196205919	La Fe	"	98448671	Marlen
8	Elly Daria Jimenez M.		X	0902-1996-00125	Playana	UMA T.E.B.	3364-3539	Elly
9	Enilda Susana Morales Barber		X	0203197000167	Batalla	"	87371949	Enilda
10	Hagerfa Figueroa		X	"	puella aucta	"	87293527	Hagerfa
11	Marlen Yeth Garcia M.		X	0904-1997-00049	Batalla	Pescadero	97-19-94-79	Marlen
12	Kyran Melissa Alvarez		X	0101-1996-03164	Batalla	Bally d	"	Kyran
13	Messil de la Cruz		X	09041997-00719	Playana	Id/Tef	33227949	Messil
14	Reina y Arniela Batie		X	0203197300116	Rushonuevo	Patronala	31552773	Reina
15	Estela Gonzalez Jimenez		X	0203-1998-00000	Rushonuevo	Patronala	8712-3107	Estela
16	Daisy Dayana Morales		X	02031970-00087	Batalla	CDJA - Batalla	9534 2993	Daisy

OBSERVACIONES GENERALES



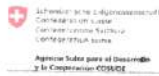
**PROGRAMA PRAWANKA  
LISTADO DE PARTICIPANTES**

Taller, reunion; gira, capacitación :  
Lugar del Evento :  
Fecha del Evento :

**Programa "Desarrollo Económico Inclusivo Territorial DEIT-Moskitia"**  
*Desarrollo de grupo focal, levantamiento de información adaptación al cambio climático*  
Barra Patuca  
02 Imbrezo 2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Johny Rivera Feldman	-		0902-1981-0242	Barra Patuca	Educación/Director	31952493	
2	Eddy Torres Foster	✓		0902-19850021	Barra Patuca	Educación/Director	75082413	
3	Rosendo Michel Rosa	✓		0902-1984-0000	Barra Patuca	Educación/Director	89438538	
4	Trinidad Kington	-		0902-1974-0018	Barra Patuca	Pescador	8815-6399	
5	Elina Trapp Beuth	✓		0902-1989-0051	Barra Patuca	Agricultura		
6	Yolanda Rivas Guebral	-		0902-198400185	Barra Patuca	Auditor	88687795	
7	Olivero Linares	✓		090221910005	B. Patuca		31948293	
8	Donato Rivas	-		090219740283	B. Patuca	vice presidente	892-2811	
9	Carolina Lopez Venet	✓		090221910005	B. Patuca	Tesorero	32456795	
10	Mariano Alvarez	✓		090219750013	B. Patuca	Comerciante		
11	Antonio Alvarez	✓		090219750013	B. Patuca	Comerciante		
12	Fredy Quispes	✓		090219670011	B. Patuca	4º Vocal	32704932	
13	Ramón Hernández	✓		090219730010	B. Patuca	4º Vocal	33848770	
14	Lorely Alvarez	✓		090219730036	B. Patuca	Comerciante	32521814	
15	Patricia Alvarado	✓		090219730062	Barra Patuca		88433145	
16	Alma Ivanna Pineda	-		290319850047	Barra Patuca	Educación	33156606	

OBSERVACIONES GENERALES



**PROGRAMA PRAWANKA  
LISTADO DE PARTICIPANTES**

Taller, reunion; gira, capacitación :  
Lugar del Evento :  
Fecha del Evento :

**Programa "Desarrollo Económico Inclusivo Territorial DEIT-Moskitia"**  
*Desarrollo de grupo focal, levantamiento de información adaptación al cambio climático*  
Brus Laguna  
01 Imbrezo 2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Ezio Flores Campos	✓		0902-1940-0018	Brus Laguna	AMHBD/Bras	32666683	
2	Melina Lopez Rivera	✓		0902-1973-0238	Brus Laguna	Distrito de Justicia	89709645	
3	Carlos Dominguez Henao	✓		0902-1984-0019	Brus Laguna	UMR	33568894	
4	Leo Roy Pineda	✓		0902-1990-0039	Brus Laguna	ICF-Guerra Brava	32363974	
5	Edina Flores Wilson	✓		0902199700210	Brus Laguna	Juventud y Dinero	88923351	
6	Soreida Marina Desech	✓		09021979-02164	Brus Laguna	OMM	33359399	
7	Mario Antonio Gutierrez	✓		09021980-00190	Brus Laguna	Desent/Industria	3135-5697	
8	Jack Wood Michel	✓		09021970-00023	Brus Laguna	APAB	33945696	
9	Rafael Gutierrez	✓		0902199600294	B. Brus Laguna	Presidente IC	48212781	
10	Geidy Lopez Bonifaz	✓		0902198200002	B. Brus Laguna	PA3725	89404004	
11	Fredy Alvarez	✓		05011976	Brus Laguna	Comisario H.		
12	Patricia María Bonifaz	✓		0902198600058	Brus Laguna	Alcaldía/Secret	32031604	
13								
14								
15								
16								

OBSERVACIONES GENERALES





**PROGRAMA PRAWANKA LISTADO DE PARTICIPANTES**

**Programa "Desarrollo Económico Inklusivo Territorial DEIT-Moskitia"**

Taller, reunion; gira, capacitación :

Desarrollo de grupo focal, levantamiento de informacion adaptacion al cambio climatico

Lugar del Evento :

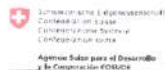
Juan Francisco Pulac

Fecha del Evento :

27/02/2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Santos Arriola	/		0203-1981-0027	Batalla	Vivianerigi	9693-5583	<i>Santos Arriola</i>
2	Yessi Cristina Alvarado	/		0203-1772-0057	Coyales		89714823	<i>Yessi Alvarado</i>
3	Joselyn Carolina Bernarde	/		0206-1994-0005	P. NUEVO		33-11-71-08	<i>Joselyn Bernarde</i>
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

OBSERVACIONES GENERALES



**Ayuda en Acción**

**PROGRAMA PRAWANKA LISTADO DE PARTICIPANTES**

**Programa "Desarrollo Económico Inklusivo Territorial DEIT-Moskitia"**

Taller, reunion; gira, capacitación :

Desarrollo de grupo focal, levantamiento de informacion adaptacion al cambio climatico

Lugar del Evento :

27/02/2023 / Juan Francisco Pulac

Fecha del Evento :

27/02/2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Jesús Sánchez Bernardez	/		0203-1981-0042	Batalla	UT- Barahona	31612717	<i>Jesús Sánchez</i>
2	Jesús Castillo A	/		0203-1981-0023	Batalla	Patronato	89653986	<i>Jesús Castillo</i>
3	Aydaudnehsuato Castillo	/		0203-1994-00153	Batalla	CDTGI	9861-16-41	<i>Aydaudnehsuato Castillo</i>
4	Enrico Enrique Marin	/		0203-1982-00081	Barahona	Educación	89629269	<i>Enrico Marin</i>
5	Prussell Pecos	/		0204-1997-00203	Pueblo N	ICT/tec	37227774	<i>Prussell Pecos</i>
6	Joselina Rodríguez	/		02031952-0028	Pueblo Nuevo	CEBOL	96607674	<i>Joselina Rodríguez</i>
7	Selena Harris Cortales	/		0203-1991-00186	Pueblo N		95-51-96-78	<i>Selena Harris</i>
8	Carmina Ortiz	/		0203-1977-00036	Coyales	patronato	97920645	<i>Carmina Ortiz</i>
9	Rina Alvarez	/		0203-1982-00036	Coyales	ca	98934539	<i>Rina Alvarez</i>
10	Yani Yohi Castillo	/		0203-1992-00023	Batalla		7963115	<i>Yani Yohi Castillo</i>
11	Reynaldeska Eula	/		0203-1992-00023	Batalla		7963115	<i>Reynaldeska Eula</i>
12	Alma Dalila Jimenez	/		0203-1991-00019	P. N.	ICT - ESRP	98305276	<i>Alma Dalila Jimenez</i>
13	Argelia Martinez	/		0203-1964-00007	Tosamaicha	galpon.	8975-58-97	<i>Argelia Martinez</i>
14	Luzia roenes	/		02031968-0008		pausa	31644682	<i>Luzia roenes</i>
15	Orlando José Cortales	/		02031968-0008		galpon	33405237	<i>Orlando José Cortales</i>
16	Nicolasa Cortales	/		02031964-00007	Tosamaicha	galpon.	92522041	<i>Nicolasa Cortales</i>

OBSERVACIONES GENERALES



**Ayuda en Acción**

**PROGRAMA PRAWANKA**  
LISTADO DE PARTICIPANTES

Programa "Desarrollo Económico Inclusivo Territorial DEIT-Moskita"

Taller, reunion; gira, capacitación :  
Lugar del Evento :  
Fecha del Evento :

Desarrollo de grupo focal, levantamiento de información adaptación al cambio climático  
27/02/2023 / Juan Francisco Pulnes  
27/02/2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Jesús Sánchez Acandz		✓	020219840042	Batalla	UT- Baraya	31617717	[Firma]
2	Feryel Castillo A		✓	020319800029	Batalla	Patronato	29653986	[Firma]
3	Aydaudnéth Susana Castillo		✓	0203197400153	Batalla	CDIGB	9861-16-71	[Firma]
4	Latin Enrique Harin		✓	0203198700031	Buenavista	Educación	89529269	[Firma]
5	Massell, Jucara		✓	0204199700903	Playa	ICF Trec	37227994	[Firma]
6	Justina Hernández Gallo		✓	020319590578	Batalla	ColBOL	96607674	[Firma]
7	Selena Harin Escobal		✓	0204199100189	Batalla	patronato	95349678	[Firma]
8	Carla Ortiz		✓	0203197700078	Coyales	patronato	57926245	[Firma]
9	Rina Alvarez		✓	020319520032	Coyales	patronato	45934539	[Firma]
10	Yolanda Yaki Castillo		✓	0203199900029	Batalla	patronato	3969113	[Firma]
11	María Angélica Buita		✓	0203199000029	Batalla	ISC - EYPP	33055246	[Firma]
12	José Adolfo Miranda		✓	0203199100019	Batalla	patronato	89255847	[Firma]
13	Argelia Martínez		✓	020319900009	Tsamacha	patronato	31640082	[Firma]
14	Leidy Pachón		✓	020319680001	Tsamacha	patronato	33105237	[Firma]
15	Orlando Jiménez		✓	020319680001	Tsamacha	patronato	33105237	[Firma]
16	Nicolasa Becerra		✓	020319640001	Tsamacha	patronato	33105237	[Firma]

OBSERVACIONES GENERALES

**PROGRAMA PRAWANKA**  
LISTADO DE PARTICIPANTES

Programa "Desarrollo Económico Inclusivo Territorial DEIT-Moskita"

Taller, reunion; gira, capacitación :  
Lugar del Evento :  
Fecha del Evento :

Desarrollo de grupo focal, levantamiento de información adaptación al cambio climático  
Buenavista  
01 marzo 2023

No.	NOMBRE Y APELLIDO	Sexo		IDENTIDAD	PROCEDENCIA	ORGANIZACIÓN / CARGO	CONTACTO / CELULAR	FIRMA
		H	M					
1	Nelcy Valle		✓	090219790001	Buenavista		89666275	[Firma]
2	Maria Mercedes Anza		✓	0902199400150	Buenavista		32197479	[Firma]
3	Clara María Grant		✓	1102-1986-00015	Buenavista		31619665	[Firma]
4	Bilialda Villalta		✓	09021986-00031	Buenavista		33197974	[Firma]
5	Carina Que Páez		✓	0902198300202	Buenavista		87639209	[Firma]
6	Ana Delis Cumbato		✓	0902198500147	Buenavista		53868067	[Firma]
7	Ginberli Maly Granwel		✓	0902198200201	Buenavista		88979980	[Firma]
8	Melchir Alicia Maco		✓	0902199700024	Buenavista		39215502	[Firma]
9	Soneida Marina Deick		✓	0902197702164	Buenavista	OMM	33-359399	[Firma]
10	Filomena Mena Beloff		✓	09021957-00005	Buenavista		32421421	[Firma]
11								
12								
13								
14								
15								
16								

OBSERVACIONES GENERALES

## Annex 2. Programming of the Consultations

Fecha y hora	Actividad	Lugar	Equipo
<b>DIA 1</b> Lunes 27/02 5:00 - 9:00 am	Traslado de Tocoa a Batalla	JFB	Rebeca Espinal, Alexander Sorto, Zicri Caballero, Miguel Méndez
10:00 am - 12:00m	Entrevistas: Gobierno municipal Consejo Territorial	Batalla	Equipo
2:00 - 4:30 pm	Grupo Focal: Consulta	Batalla	Rebeca Espinal, Alexander Sorto, Zicri Caballero, Miguel Méndez
2:00 - 4:30 pm	Grupo Focal: Con mujeres y niñas	Batalla	Rebeca Espinal
Pernoctar : 1 noche de hospedaje		Batalla	Equipo
<b>DIA 2</b> Martes 28/2 6:00 - 10:00 am	Traslado en lancha de Batalla a Brus, Costa	Belén	Equipo
10:30 - 12:00 m	Entrevistas: Consejo Territorial Consejo de Ancianos	Belén	Equipo
2:00 - 4:30 pm	Grupo Focal: Consulta	Belén	Rebeca Espinal, Alexander Sorto, Zicri Caballero, Miguel Méndez
2:00 - 4:30 pm	Grupo Focal: Con mujeres y niñas	Belén	Rebeca Espinal, Zicri Caballero,
4:30 - 5:30 pm	Entrevista Asociación de Pescadores	Cocobila	Rebeca Espinal, Alexander Sorto, Zicri Caballero, Miguel Méndez
Pernoctar : 1 noche de hospedaje		Belén	Equipo
<b>DIA 3</b> Miércoles 1/3 6:00 - 8:00 am	Traslado de la costa a Brus Laguna	Brus laguna	Equipo
9:00 - 11:00 am	Grupo Focal: Consulta	Brus laguna	Rebeca Espinal, Alexander Sorto, Zicri Caballero,

Fecha y hora	Actividad	Lugar	Equipo
			Miguel Méndez, Erasmus Wood.
2:00 - 4:30 pm	Grupo Focal: Con mujeres y niñas	Brus laguna	Rebeca Espinal, Zicri Caballero,
04:30 - 6:00 pm	Entrevistas: Gobierno municipal	Brus laguna	Equipo
Pernoctar : 1 noche de hospedaje		Brus laguna	Equipo
<b>DIA 4</b>			
Jueves 2/3	Traslado de Brus laguna a Barra patuca	Barra patuca	Equipo
5:00 - 9:00 am			
10:00 - 11:30 am	Grupo Focal Barra patuca	Barra patuca	Alexander Sorto, Rebeca Espinal, Miguel Méndez, Erasmus Wood, Zicri Caballero.
2:00 - 6:00 pm	Traslado de Barra Patuca a Brus laguna	Brus Laguna	Alexander, Rebeca, Miguel Méndez, Erasmus Wood, Zicri Caballero.
Pernoctar : 1 noche de hospedaje		Brus Laguna	Equipo
<b>DIA 5</b>			
Viernes 3/3	Traslado de Brus a Río Plátano	Río Plátano	Equipo
06:00 - 8:30 am			
8:30 - 11:00 am	Grupo Focal	Río Plátano	Alexander Sorto, Rebeca Espinal, Miguel Méndez, Erasmus Wood, Zicri Caballero.
1:00 - 3:00 pm	Traslado de Río Plátano a Batalla	Batalla	Equipo
3:00 - 7:00 pm	Traslado de Batalla a Tocoa	Tocoa	

### Anexo 3. Consultation Questionnaire

Themes	Guiding Questions
<b>The project</b>	<ul style="list-style-type: none"> <li>• Explain the objective of the Project</li> <li>• Explain the structure of the Consortium</li> <li>• Explain the consultation process and its objective.</li> <li>• Explain the impacts of climate change and how these consequences may be affecting the Garífuna and Miskitu communities.</li> </ul>
<b>Climate events in the communities</b>	<ul style="list-style-type: none"> <li>• What are the climate events that most affect them?</li> <li>• At what time are they most severe?</li> <li>• How frequent are they now?</li> <li>• How is the severity and frequency, now compared to the past?</li> <li>• What actions do you implement when affected by these phenomena?</li> </ul>
<b>Impact of climate change events in the communities</b>	<p><b>Infrastructure (roads, streets, schools, health center, etc.) of the Community.</b></p> <ul style="list-style-type: none"> <li>• How do climate events affect the community?</li> <li>• What actions do you take to reduce the impact of climate in your community? Who does them? Who helps them?</li> <li>• What could be done to reduce the impact of weather on the infrastructure in your communities?</li> <li>• What kind of support is required to do so?</li> </ul> <p><b>Housing</b></p> <ul style="list-style-type: none"> <li>• How do climate events affect your homes?</li> <li>• Which actions do you take to reduce the impact of the climate in your homes? Who does them at home? Who helps them?</li> <li>• What could be done to reduce the impact of the weather in your homes?</li> <li>• What kind of support is required to do so?</li> </ul> <p><b>Fishing</b></p> <ul style="list-style-type: none"> <li>• How do climate events affect your fishing activities?</li> <li>• What actions do you take to reduce the impact of the weather on your fishing activities? Who does them? Who helps them?</li> <li>• What could be done to reduce the impact of weather on fishing?</li> </ul> <p><b>Agriculture and Livestock</b></p> <ul style="list-style-type: none"> <li>• How do climate events affect your agricultural and livestock activities?</li> <li>• What actions do you take to reduce the impact of the climate on your agriculture and livestock activities? Who does them? Who helps them?</li> <li>• What could be done to reduce the impact of climate on agriculture and livestock?</li> </ul> <p><b>Access and quality of water</b></p> <ul style="list-style-type: none"> <li>• How do climate events affect access to and quality of water?</li> </ul>

Themes	Guiding Questions
	<ul style="list-style-type: none"> <li>• What actions are taken to reduce the impact of climate on access to water? Who does them? Who helps them?</li> <li>• What could be done to reduce the impact of climate on access and quality of water?</li> </ul> <p><b>Health</b></p> <ul style="list-style-type: none"> <li>• How do climate events affect people's health?</li> <li>• Who in the family does it affect the most?</li> <li>• What actions do you take to reduce the impact of climate on people's health? Who does them? Who helps them?</li> <li>• What could be done to reduce the impact of climate on people's health?</li> </ul> <p><b>Education</b></p> <ul style="list-style-type: none"> <li>• How do climate events affect access to education?</li> <li>• What actions are taken to reduce the impact of climate on access to education? Who does them? Who helps them?</li> <li>• What could be done to reduce the impact of climate on access to education?</li> </ul> <p><b>Social and environmental risks</b></p> <ul style="list-style-type: none"> <li>• What environmental and social risks do you consider there may be with the implementation of the Project?</li> <li>• Can you identify some actions before or during the execution of the Project to mitigate, avoid or reduce these risks?</li> </ul>
<b>Gender</b>	<ul style="list-style-type: none"> <li>• How is the level (high or low) of empowerment of girls and women manifested?</li> <li>• What role do girls and women play in the management of economic development and the use of natural resources?</li> <li>• Can aspects of access and control of resources be evidenced? What is the current situation?</li> <li>• There are manifestations of gender violence. What are the main indicators of these manifestations?</li> <li>• What social aspects challenge or reinforce gender roles and stereotypes?</li> <li>• What are the demands of women in the landscape?</li> <li>• What are the practical needs and strategic interests of women and girls?</li> <li>• What constraints do women and girls face in actively participating in the development of their landscape?</li> <li>• What elements do you consider key to address to eliminate these limitations or at least considerably reduce their effect?</li> <li>• What aspects of national or local public policy need to be improved to address gender issues?</li> <li>• Are there aspects of international regulations on gender issues that we can address?</li> <li>• What limitations do we identify to implement the Honduran approach?</li> </ul>

Themes	Guiding Questions
	<ul style="list-style-type: none"> <li>• Is there any cultural practice that affects or strengthens the gender approach?</li> <li>• What territorial dynamics do you observe and that are related to gender elements?</li> <li>• Are there aspects of international regulations on gender issues that we can address?</li> <li>• What limitations do we identify to implement the Honduran approach?</li> <li>• Is there any cultural practice that affects or strengthens the gender approach?</li> <li>• What territorial dynamics do you observe and that are related to gender elements?</li> </ul>
<p><b>Support and Commitment of Indigenous People and the Local Communities (PICL)</b></p>	<ul style="list-style-type: none"> <li>• What role do indigenous peoples play in managing their landscapes?</li> <li>• Do PICL have governance mechanisms in the landscape?</li> <li>• Do the PICL have documents that establish their development vision (life plans, Strategic Plans, LED Strategies, etc.)?</li> <li>• What aspects should we ensure for the free, prior, and informed consultation processes?</li> <li>• What expectations of participation do PICL have before and during the life of the Project?</li> <li>• Do we have letters of support that show that the PICL support the programmatic commitment?</li> <li>• What evidence do we have to demonstrate the consultation process developed?</li> <li>• How can we ensure the participation of IPLCs throughout the Project?</li> <li>• What aspects are essential when working with the consulted PICL?</li> <li>• Are these territories aware of and apply ILO Convention 169 or the United Nations declaration on the rights of indigenous peoples?</li> <li>• Are there conflicts over land and forests involving PICL?</li> </ul>
<p><b>Participation of National Government</b></p>	<ul style="list-style-type: none"> <li>• What is the current role of the Central Government and its institutions in the region?</li> <li>• What are the government actions to prevent the impacts of climate change on the population and communities of the region?</li> <li>• How is the government's support during emergencies caused by climate events?</li> <li>• Which gaps do you identify in the national government and what can we strengthen with the Project?</li> </ul>
<p><b>Others</b></p>	

**Annex 4. Photographic Evidence of the Consultations**



*Barauda Territorial Council Technical Staff Meeting*

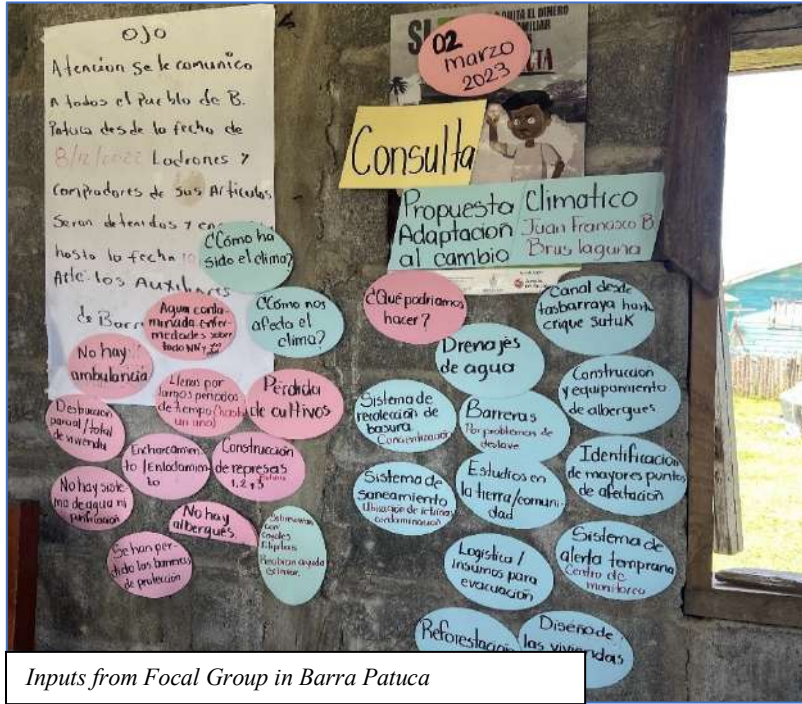


*Focal Group, Batalla, Juan Francisco Bulnes*

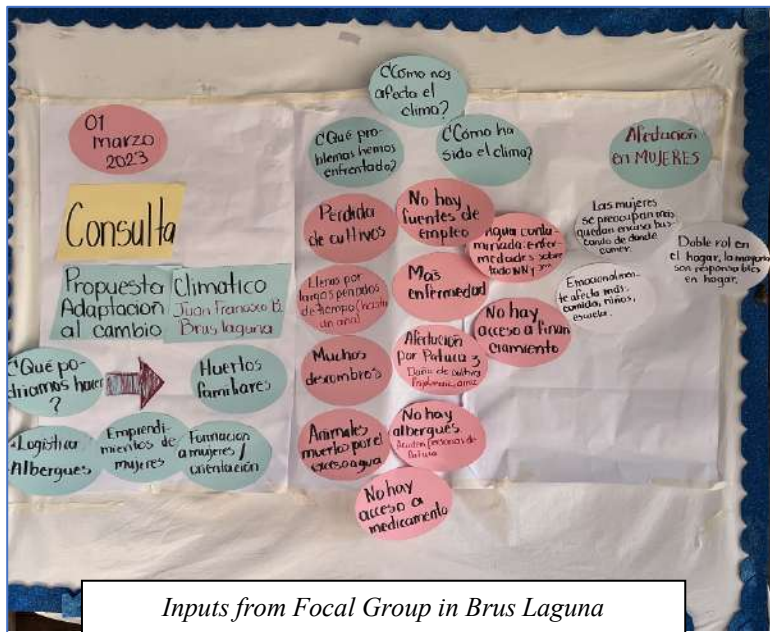


*Focal Group, Barra Patuca, Brus Laguna*





Inputs from Focal Group in Barra Patuca



Inputs from Focal Group in Brus Laguna

Training and induction of the technical team.



## **Annex 5. Results of individual interviews.**

Three (3) individual interviews were carried out with key informants from the communities of Belén, and Brus Laguna, with the purpose of contributing points of strength to the identification of problems associated with climate change and regarding the solution proposals. The results of the interviews are presented below.

### **Community of Belen, Brus Laguna.**

#### **Interview with Dr. Katja Granwel, Head of the Belén Health Unit, Brus Laguna**

“The climate in the territory has always been variable, but in recent years this situation has worsened, causing flooding that damages agriculture; climate change affects diving, fishing and causes many diseases”.

“Families support themselves from agriculture and fishing; When the ban on fishing closes, the only economic income in most households ends and families move to the riverbank to be able to sow and survive the four months that the ban lasts. Families leave complete, children are not only vulnerable to any disease, but also at the level of education, since children accompany their parents and leave school all that time.

"At the health unit, a child population of at least 100 children has been treated, including those from Río Plátano, Las Marías and nearby communities."

Right now, there is a malaria outbreak and there are no medicines. They were sent 100 acetaminophen for the entire population and should last 3 months.

**Water:** “The community does not have a potable water system, water is obtained from wells or rainwater collection, and for a clinic, water is a priority. They have a Rotoplás storage cistern that is filled by collecting rainwater, but when there is no rain and the water runs out, they have to transport it from another side, from the same lagoon that is bad water. And when a climatic event occurs, respiratory problems and diarrhea increase, as a consequence of drinking water.”

**Alert system.** “There is no emergency committee, the population collaborates to help each other, but empirically, COPECO does not exist in this territory; the population finds out, because many have access to news information or by using the internet in some cases”.

"There is no shelter, no oxygen for an emergency, they do not have a health boat, to be able to mobilize a patient."

“The population must be trained so that they are prepared for a climatic disaster. The communities should have a megaphone to alert, activate the CODELES that were held in time. They are currently not trained. The beaches must be reforested”.

**Electricity.** “The health center has an inverter for the nebulizations and the maintenance of cold medicines, a system that was donated, but it is not enough. There is sterilization equipment that cannot be used, because the capacity of the system is not enough”.



**Women:** “Women suffer gender violence, because they are the ones who work the most, not only at home, taking care of their children, but in most cases, they are the providers of food for their children, because they work on their farms. The language barrier suffered by Miskito women is enormous; there are capable women, but since they do not speak good Spanish, they are often underestimated to carry out jobs. By not having a healthy diet, suffering losses of their crops or a source of work, there are many women who practice prostitution to bring food to their children”.

#### **Entrevista al Señor José Luis Centeno, Presidente del Consejo Territorial Rayaka.**

Los fenómenos climáticos han aumentado en los últimos 5 años, y como comunidad costera, no se tiene ningún lugar al cual recurrir y eso se vivió con Eta y Iota. Actualmente se nos estamos organizando con UICN para trabajar un Proyecto de alerta temprana desde una visión indígena, y con South Pole Group están trabajando para la venta de carbono, pero no saben si es seguro. La deforestación es enorme y Rayaka tiene títulos de las propiedades pero ya son pocas las zonas buenas, no tienen presencia del gobierno ni apoyo de la cooperación para poder reubicar a los terceros que están en la zona de la biósfera y recuperar así sus tierras; hay personas que tienen hasta 2 mil o 3 mil hectáreas devastadas totalmente, para el uso del ganado y no cuentan con una fiscalía del ambiente.

Sus ancestros podían predecir cuándo iba a ocurrir una catástrofe climática; el mar, los animales, las aves, la misma naturaleza les avisaba, y la población se preparaba; ahora no. Ahora llega en cualquier momento y son muy vulnerables en todos los aspectos.

#### **Interview with Mr. José Luis Centeno, President of the Rayaka Territorial Council.**

Weather events have increased in the last 5 years, and as a coastal community, you have nowhere to turn and that was experienced with Eta and Iota. We are currently organizing with the IUCN to work on an early warning project from an indigenous perspective, and with the South Pole Group they are working for the sale of carbon, but they do not know if it is safe. Deforestation is enormous and Rayaka has property titles but there are few good areas, they do not have a government

presence or cooperation support to be able to relocate third parties that are in the biosphere zone and thus recover their lands; There are people who have up to 2,000 or 3,000 hectares completely devastated for the use of livestock and do not have an environmental prosecutor's office.

Their ancestors could predict when a weather catastrophe was going to strike; the sea, the animals, the birds, nature itself warned them, and the population prepared itself; not now. Now it comes at any time, and they are very vulnerable in all aspects.

### What should be done to be prepared?



*Interviewing Mr. José Luis Centeno*

- Have a preventive plan to respond to the population.
- Have a shelter that provides the security that the population needs.
- Carry out a study to learn about the protection forests and train the population, especially the non-indigenous population, so that they know that the destruction of the forest affects everyone equally

**Education:** When there is a climatic event, schools are used as shelters not because they are safe, but because the infrastructure is made of cement, and it is considered that it can withstand more than one storm; classes are suspended and resume late because the building is used by the needy.

**Fishing:** Fishing for livelihoods is down and most men work on fishing boats and diving or lobstering, which also has serious consequences.

**Woman:** They are a patriarchal culture; men are the ones who make the decisions; women take care of children and men work.

## Community of Brus Laguna, Brus Laguna Interview to Mr. Manolo Wood (Mayor)

“Strong changes have been felt for 4 years. In the Patuca River it is felt even more. Floods that will last 8 months. Last year was incredible, between what was natural and what was caused by the dam; it has rained more than usual, the river fills up and the dam needs flushing. Those affected number in the thousands, damaging livelihoods.”



*Entrevistando a don Manolo Wood*

"The construction of a shelter would be ideal, since there are many people from outside who come to take refuge in Brus, and they are located in the schools as shelters, and the majority of the population does not have anywhere to take refuge either." "The Mayor's Office can provide spaces where a place can be built that welcomes the population in times of crisis."

“Sanitation and drinking water systems as well as drainage systems are required in most of the communities in order to reduce the vulnerability of the populations to climate change events”.

“Schools infrastructure as well as health center are not well equipped and are highly vulnerable to climate change events causing huge problems for the population to get access to health and education services.”

## Annex 6. Letters of Support to the project from local indigenous organizations.



CONCEJO DE DESARROLLO TERRITORIAL GARIFUNA BARAUDA  
BATALLA, JUAN FRANCISCO BULNES, GRACIAS A DIOS

### CARTA DE RESPALDO

Nosotros, representantes del Concejo Territorial Garífuna **BARAUDA**, hacemos constar que fuimos informados por representantes de la **Comisión de Acción Social Menonita, CASM, La Secretaría de Recursos Naturales y Ambiente (SERNA) y Asociación de Organizaciones No Gubernamentales de Honduras (ASONOG)**, de la iniciativa de proyecto para presentar ante el Fondo de Adaptación al cambio climático.


El Concejo Territorial Barauda, está altamente satisfecho por el trabajo desarrollado por la Comisión de Acción Social Menonita desde el año 2008, habiendo sido de suma importancia en el desarrollo de nuestras comunidades, por el apoyo directo a las niñas y niños del territorio. Además, nos ha acompañado en el fortalecimiento de los sistemas de producción de alimentos con metodologías amigables y adaptables a nuestra cultura, con lo que se ha fortalecido nuestras dinámicas de producción y comercialización.


Como Concejo, nos hemos involucrado al acompañamiento a las microempresas comunitarias, que han fortalecido sus capacidades y la implementación de mecanismos para la gobernanza compartida. En el transcurso de la cooperación con CASM, hemos sido beneficiados de proyectos de reconstrucción de escuelas, unidades de salud y microempresas, para el fortalecimiento de nuestra economía.

Agradecemos a CASM su respeto al cumplimiento del protocolo biocultural de los pueblos indígenas y afrodescendientes, participando mediante la consulta continua y permanente en las asambleas comunitarias de nuestro Concejo, con el fin de socializar todas las iniciativas de proyectos para garantizar el respaldo a su implementación.

En representación del Concejo de Desarrollo, manifestamos nuestro compromiso de acompañamiento y seguimiento durante la implementación a este nuevo proyecto, en caso de ser aprobado, como una contribución al desarrollo y aprovechamiento sostenible de nuestros recursos.

Concejo Territorial Garífuna **BARAUDA**, municipio de Juan Francisco Bulnes, departamento de Gracias a Dios, 03 de marzo de 2023.

  
Carmelo Zschöcher Norales  
Presidente **BARAUDA**





## CARTA DE RESPALDO

El Concejo Territorial BASTIASTA, notifica haber sostenido una reunión de información con los representantes de la Comisión de Acción Social Menonita CASM, donde se nos ha permitido conocer la iniciativa de construcción de Proyecto para presentar ante el Fondo de Adaptación al cambio climático.

Manifestamos haber recibido acompañamiento de esta Institución, siendo su colaboración un aporte fundamental en el desarrollo del territorio, así como en el fortalecimiento de nuestras organizaciones, de los sistemas de producción de alimentos locales y del desarrollo de las capacidades de nuestros líderes, lo cual se ha logrado a lo largo de la ejecución de varios proyectos.


CASM, en todo momento ha respetado y cumplido con la consulta a nuestra asamblea comunitaria, donde se han socializado todos los proyectos ejecutados.


En representación del Concejo de Desarrollo BASTIASTA, manifestamos nuestro compromiso de acompañar y dar seguimiento a la implementación de este nuevo Proyecto y a cualquier iniciativa o proyecto que contribuya al desarrollo de nuestro territorio.

Concejo Territorial BASTIASTA, municipio de Brus Laguna, departamento de Gracias a Dios, a los 02 días del mes de Marzo de 2023.

  
Bayardo Alvarez Kirrington  
Presidente BASTIASTA



  
Dennison Kirrington Alvarez  
Secretario BASTIASTA





UNIDAD DE PUEBLOS INDÍGENAS Y NEGROS DE LA MUSKITIA HONDUREÑA, (UPINMH).

## CARTA DE APOYO

Nosotros como UPINMH, reconocemos que el desarrollo de la economía local territorial ha sido impulsado de gran manera por medio de la **Comisión de Acción Social Menonita CASM**, utilizando métodos que se han adaptado a nuestras costumbres y tradiciones. Gracias a estos apoyos, se nos ha provisto de proyectos de reconstrucción de centros educativos y unidades de salud para el beneficio de nuestra población.

CASM en todo momento se ha encargado de socializar todas las iniciativas de proyectos para poder así obtener un respaldo público de nuestras organizaciones.

En vista de lo cual, manifestamos ponemos de manifiesto que hemos sido informados por representantes la Comisión de Acción Social Menonita (CASM), La Secretaría de Recursos Naturales y Ambiente (SERNA) y Asociación de Organizaciones No Gubernamentales de Honduras (ASONOG), de la iniciativa de proyecto para presentar ante el Fondo de Adaptación al cambio climático, a lo cual damos nuestro total apoyo a este nuevo Proyecto y compromiso de acompañamiento a su implementación, por el desarrollo integral de la Moskitia,

Firmamos como Unidad de Pueblos Indígenas y Negros de la Moskitia Hondureña, en el municipio Juan Francisco Bulnes, Gracias a Dios a los 02 días del mes de marzo de 2023.



Carmelo Zschocher  
Presidente UPIMH



## CARTA DE APOYO A LA IMPLEMENTACIÓN DE PROYECTO

Nosotros, como representantes **la Asociación Mairin Indian Miskitu Asla Takanka (MIMAT)** asociación que brinda apoyo a la sociedad en la ejecución de iniciativas relacionadas con el desarrollo social integral la protección del medio ambiente, teniendo como objetivos principales integrar al ser humano como principal recurso capaz de cambiar las condiciones de su entorno, fortaleciendo actitudes que generen los cambios necesarios para lograr un desarrollo sostenible, el desarrollo de los grupos sociales especialmente los más vulnerables y el cambio de actitudes a favor de los mismos, apoyar actividades encaminadas para lograr la reducción y erradicación de la pobreza y equidad de género, la sana convivencia y apoyar aquellas organizaciones que se dediquen a mejorar la calidad del agua y la salud humana.

Como MIMAT reconocemos que el desarrollo de la economía local territorial ha sido impulsado de gran manera por medio de la Comisión de Acción Social Menonita, utilizando métodos que se han adaptado a nuestras costumbres y tradiciones. Gracias a estos apoyos, se nos ha provisto de proyectos de apoyo y fortalecimiento a organizaciones de nuestro territorio

Valoramos la actitud de respeto manifestada por CASM, al implementar continuamente los mecanismos de consulta e información a los Concejos de Desarrollo Territorial y a las Comunidades, con lo que se asegura el empoderamiento local y mayor sostenibilidad en los procesos que acompaña.

Por lo que, en esta nota, manifestamos nuestro compromiso de acompañar y dar seguimiento técnico y administrativo a este nuevo proyecto a presentar ante el Fondo de Adaptación al Cambio Climático

Dada en el municipio de Puerto Lempira , Gracias a Dios a los 26 días del mes de julio de 2023.

  
**Yolany Cooper Pelap**  
Presidenta **MIMAT**



  
**Rachel Ivonni Evans**  
Secretaria **MIMAT**





## CONSEJO DE DESARROLLO TERRITORIAL RAYAKA BRUS LAGUNA ZONA COSTERA, GRACIAS A DIOS

### CARTA DE RESPALDO

Nosotros, los representantes del Concejo Territorial RAYAKA, organización de los indígenas de Brus laguna zona costera, hacemos constar que hemos sido visitados por representantes de Comisión de Acción Social Menonita CASM, quienes nos han socializado la iniciativa de proyecto a presentar para el Fondo de Adaptación .

El consejo territorial RAYAKA a través del acompañamiento de CASM, ha fortalecido la gestión para el desarrollo del acciones que contribuyen a mejorar la calidad de vida de las poblaciones, conoce del trabajo que ha desarrollado la Comisión de Acción Social Menonita desde el año 2007, habiendo sido éste, parte fundamental en el Desarrollo Territorial de nuestras comunidades, brindando apoyo directo a nuestra niñez, con proyectos que amparan y garantizan los derechos de las niñas y niños del territorio.

CASM respeta el protocolo biocultural de los pueblos indígenas Miskitus, ya que, siempre socializa los proyectos en nuestras asambleas comunitarias, con lo que se asegura nuestro respaldo durante la implementación de los mismos.

Por lo que, expresamos de forma unánime nuestro respaldo a este nuevo Proyecto.

Concejo Territorial Rayaka, municipio de Brus Laguna, departamento de Gracias a Dios a los 28 días del mes de febrero de 2023.

  
José Luis Centeno  
Presidente RAYAKA

