

---

# Gender Action Plan

---

## **FP056: Scaling up climate resilient water management practices for vulnerable communities in La Mojana**

Colombia | UNDP | B.18/04

28 September 2017



**GREEN  
CLIMATE  
FUND**

## VIII. Proposed Gender Action Plan

This Gender Action plan provides suggested entry points for gender-responsive actions to be taken under each of the Activity areas of the project. In addition, specific indicators are also proposed to measure and track progress on these actions at the activity level. This can be incorporated into the detailed M&E plan which will be developed at the start of implementation, and provides concrete recommendations on how to ensure gender (including disaggregated data) continues to be collected and measured throughout implementation

Objective	Actions	Targets and Indicators	Responsible Institutions	Timeline
<b>Output 1: Strengthened understanding and systemizing knowledge of the impacts of climate change on water management in La Mojana</b>				
Activity 1.1: Develop technical models and guidelines to enable decision making for long term water management planning for La Mojana	<p>Ensure that the differentiated water needs of men and women, including water access and ground water solutions are addressed in the decision makers guide.</p> <p>Ensure that the developed training plan for national and municipal environment and water authorities is gender-mainstreamed.</p>	<p>Baseline: 0</p> <p>Target: Sex and gender-disaggregated data to be collected and integrated into water planning mechanisms.</p> <p>Indicator:</p> <ul style="list-style-type: none"> <li>• Number of planning instruments addressed through the guide that include a gender analysis and address the differentiated needs of water for both women and men.</li> <li>• Sex and age disaggregated data.</li> <li>• Evidence for gender-mainstreaming</li> </ul>	<p>Local Government Gender Mechanisms</p> <p>Presidential Office for Women's Equality.</p> <p>Ministry of Environment and Sustainable Development.</p> <p>UNDP</p>	Year 1 to Year 4

		approach in the ToR for training programme for national and municipal authorities.		
Activity 1.2: Management of adaptation knowledge on water management	<p>Identify gaps in access to information for men and women, categorise tailored dissemination methods to ensure that equitable access to information is provided</p> <p>Ensure equitable participation of men and women in the development of training material and in workshops, and training activities.</p> <p>Ensure integration of gender perspectives in the training materials and knowledge management tools.</p> <p>Ensure the inclusion of gender-based approach in all of the program's components.</p>	<p>Baseline: 0 Target: 50% of beneficiaries are women engaged in consultations and workshops, and training activities.</p> <p>Indicator:</p> <ul style="list-style-type: none"> <li>• Number of men and women participating in consultations and workshops.</li> <li>• Number of women and men engaged in training activities.</li> </ul>	<p>Local Government Gender Mechanisms</p> <p>UNDP</p>	Year 1 to Project end
<b>Objective</b>	<b>Action</b>	<b>Indicator</b>	<b>Responsible Institution</b>	
<b>Output 2: Improved management of water resources infrastructure by vulnerable households and communities</b>				
Activity 2.1: Establish Climate Resilient Water Solutions	<p>Ensure equitable participation of both men and women in water supply solutions, adaptation of existing water infrastructures and in the installation and maintenance of rainwater-harvesting tanks.</p> <p>Ensure women's participation in water committees by formulating and implementing a criteria pertaining to water committees.</p> <p>Prioritise female-headed households' access to water through</p>	<p>Baseline: 0 Target: 50% of beneficiaries are women engaged in water-related activities.</p> <p>Indicator:</p> <ul style="list-style-type: none"> <li>• Number of women and men participating in activities related</li> </ul>	<p>Local Government Gender Mechanisms</p> <p>Water committees</p> <p>UNDP</p>	Year 1 to Project end.

	formulation and implementation of a protocol.	<p>to water supply solutions.</p> <ul style="list-style-type: none"> <li>• Number of men and women participating in the water committees (at least 40% of membership in each board should be women).</li> <li>• Number of female-headed households with improved access to water.</li> </ul>		
Activity 2.2: Increase resilience of natural ecosystems and ecosystems-based livelihoods.	<p>Ensure equitable participation of men and women in wetlands restoration processes.</p> <p>Ensure the recollection of sex-disaggregated data and the gender analysis in the wetlands restoration and productive landscape planning process.</p> <p>Carry out a study on the participation of women in current productive practices and methods in wetland areas to identify which activity is being lead or developed by women.</p> <p>Ensure women’s participation in identifying best practices in wetland management for agro-productive activities and stimulate their active participation in these activities through capacity building and strengthening existing women’s organizations.</p> <p>Promote leadership of women in wetland management and restoration through specific scientific based training on wetland monitoring protocols and overall wetland</p>	<p>Baseline: 0 Target: 50% of beneficiaries are women engaged in restoration activities.</p> <p>Indicator:</p> <ul style="list-style-type: none"> <li>• Number of women and men participating in productive landscape planning and restoration.</li> <li>• Sex and age disaggregated data.</li> <li>• Number of women generating income through</li> </ul>	<p>Local Government Gender Mechanisms</p> <p>Humboldt Institute</p>	Year 1 to Project end.

	management.	<p>restoration actions or non-traditional occupations.</p> <ul style="list-style-type: none"> <li>• Study of female participation current agro-productive activities.</li> <li>• Enhancement of women's associations.</li> <li>• Number of women actively involved in collecting information for the wetland monitoring system.</li> </ul>		
<b>Objective</b>	<b>Action</b>	<b>Indicator</b>	<b>Responsible Institution</b>	
<b>Output 3: EWS adapted to climate change</b>				
Activity 3.1: Strengthen monitoring and early warning systems	<p>Design early warning systems that ensure women and men have access to information via the most appropriate communication channels.</p> <p>Ensure gender related issues are addressed in the development and implementation of training procedures for generating early warning alerts and protocols</p> <p>Engage proactively with men, women, local communities and municipal authorities in consultations, to ensure the identification of high-priority factors pertaining to the early warning system for both men and for women.</p>	<p>Baseline: 0 Target: At least 30% of women beneficiaries with enhanced knowledge.</p> <p>Indicator:</p> <ul style="list-style-type: none"> <li>• Evidence of tools for the communication of early warning systems that ensure men and women have access to</li> </ul>	<p>Local Government Gender Mechanisms</p> <p>UNDP</p> <p>Universidad de Cordoba</p> <p>IDEAM</p>	Year 1 to Project end.

	<p>Ensure women's participation in the implementation and use of the hydrometeorological stations.</p> <p>Ensure the messages transmitted through the Regional Forecasting Center and IDEAM are important and relevant for women and men.</p>	<p>information.</p> <ul style="list-style-type: none"> <li>• Number of women trained to have a clear understanding of EW protocols, messages and actions</li> <li>• Number of personnel in IDEAM with improved gender-related capabilities.</li> <li>• Number of women with enhanced knowledge on the use of hydrometeorological stations.</li> </ul>		
Objective	Action	Indicator	Responsible Institution	
<b>Output 4: Water resilient agro ecosystems enhancing rural livelihoods</b>				
<p>Activity 4.1: Conduct Agroecosystems livelihood diversification research</p>	<p>Include gender desegregated information in terms of economic and sector based participation in the agro-productive map that will be developed from the activity</p> <p>Develop a knowledge-exchange process between gender mechanisms (national and local), the university and the Rural Woman Program (Ministry of Agriculture) in order to profoundly examine the role of women in adaptive agricultural systems, including in all phases of the production cycle.</p> <p>Ensure equitable participation of men and women in the development of adaptive technological packages. Taking into</p>	<p>Baseline: 0 Target: At least 2 technological packages that address areas of economic participation where women are most active.</p> <p>Baseline: 0 Target: At least 2 municipalities with gender assessment of agricultural activities in place.</p>	<p>Local Government Gender Mechanisms</p> <p>Presidential Office for Women's Equality.</p> <p>Ministry of Agriculture's Rural Woman Program</p> <p>UNDP</p>	Year 1 to Project end

	<p>consideration access to inputs (machinery, seeds, etc.)</p> <p>Include the development of a technological packages/ productive techniques that address the areas of participation where women are most active.</p>	<p>Indicator:</p> <ul style="list-style-type: none"> <li>• Number of analysis on women's participation in agricultural activities and cattle-farming undertaken.</li> <li>• Number of municipalities that have a gender assessment of agricultural activities in place.</li> <li>• Number of adaptive technological packages with gender aspects integrated.</li> </ul>		
<p>Activity 4.2: Enhance climate resilient agroextension programmes</p>	<p>Ensure equitable participation of men, women, women's groups and communities in the technical assistance programme.</p> <p>Ensure that the rural school extension approach is planned so that it is located in a manner that is conducive to women's participation (near to where women meet and at appropriate times).</p> <p>Use the analysis conducted in Activity 2.2 and 4.1 to inform the training on implementation of best practices on water management and use of climate resilient crops and adapted agriculture techniques.</p>	<p>Baseline: 0 Target: 50% of beneficiaries are women participating in assistance programs.</p> <p>Indicator:</p> <ul style="list-style-type: none"> <li>• Number of women, men and communities participating in the assistance programs.</li> <li>• Number of assistance</li> </ul>	<p>Local Government Gender Mechanisms</p> <p>UNDP</p> <p>Ministry of Agriculture's Rural Woman Program</p>	<p>Year 1 to Project end.</p>

	Ensure that women within the communities are playing a lead role in the rural extension program.	<p>programs with gender-based content.</p> <ul style="list-style-type: none"> <li>• Number of women as community leaders in the rural extension program.</li> </ul>		
Activity 4.3: Improve water resource management in household-level food production	<p>Ensure that home vegetable garden adaptation kits established are focused on female-headed households.</p> <p>Empower women through the creation and/or strengthening of organizations involved in the use and preservation of drought- and flood-resistant seeds, and plant supply nurseries</p>	<p>Baseline: 0 Target: Female-headed households receiving home vegetable garden adaptation kits.</p> <p>Indicator:</p> <ul style="list-style-type: none"> <li>• Number of female-headed households receiving home vegetable garden adaptation kits.</li> <li>• Number of women's organizations participating in the community seedbeds and nurseries</li> </ul>	<p>Local Government Gender Mechanisms</p> <p>UNDP</p> <p>Ministry of Agriculture's Rural Woman Program</p>	Year 1 to Project end.



## IX. Proposed Gender Action Plan Budget

Type of Supply	Category	US\$	Activity	Description of procurement	First year % of disbursement
Services	Contractual Services-Companies	725,077	1.1 Develop technical models and guidelines to enable decision making for long term water management planning for La Mojana	Intervention with focus on gender in ensuring that the model and the decision making guide incorporates gender based water needs in water management and infrastructure planning.	35%
Services	Contractual Services-Companies	250,624	1.2 Management of Adaptation Knowledge on Water Management	Intervention with focus on gender by providing knowledge management products that incorporate gender needs in systemizing knowledge on climate change and its impact (differentiated impact on gender) and implementing appropriate online capacity building programs targeted to relevant stakeholders.	2%
Services	Contractual Services-Companies	3,984,043.5	2.1.1. interventions for the most water vulnerable populations	Intervention with focus on gender by specially in female-headed households	26.5%
Services	Contractual Services-Companies	5,564,884	2.1.2. Provide community water solutions for water vulnerable populations	Interventions with focus on gender specially in female-headed households	26.5%
Services	Contractual Services-Companies	1,038,800	2.1.3. Adaptation of	Intervention with focus on gender specially in female-headed households	26.5%

			existing water infrastructure in the region		
Services	Contractual Service Companies	1,941,586.5	2.2.1 Establishing a wetland restoration plan and monitoring system	Intervention to develop community restoration plans that will include women's participation as key agents of the restoration planning	35%
Services	Contractual Services-Companies	35,000	2.2.1 Establish a wetland restoration and monitoring system	Intervention to develop a monitoring tool and protocol that will be taught to women who will lead the monitoring process in field	25%
Services	Contractual Services-Companies	15,000	2.2.3 Create ecosystem compatible livelihoods	Study to collect current productive practices and methods in wetland areas associating productive activities areas being lead or with an active participation of women.	65%
Services	Contractual Services-Companies	630,000	2.2.4 Enhance women leadership in ecosystem restoration	Strengthen 35 women groups	0%  (Disbursement will initiate in year 4 once research and studies have been completed)
Services	Contractual Services-Companies	32,000	2.2.4 Enhance women leadership in ecosystem restoration	Provide training and material to promote women's leadership in wetland monitoring and management	0%  (Disbursement initiates in year 2 once monitoring system and restoration plans have been developed)

Services	Contractual Services-Companies	928,500	3.1 Enhance EWS	Intervention with focus on gender by imparting training program on EWS and risk management focused on community leaders, favoring women and their information and communication needs	0% (Disbursement begins year 2, once EWS have begun to be developed)
Services	Contractual Services-Companies	250,000	4.1 Conduct agro ecosystem based adaptation research	Intervention with focus on gender to develop technological packages and research production techniques in agro productive activities prioritizing those where women's participation is relevant	10.2%
Services	Contractual Services-Companies	1,111,234.5	4.2. Capacity building of training programs developed using research conducted to develop the technical assistance programs.	Intervention with focus on gender specially in female-headed households through university and rural extension training programs	10.2%
Services	Contractual Services-Companies	4,020,000	4.3.1 Improving irrigation for household water conservation.	Intervention with focus on gender specially in female-headed households 6700 home gardens in rural disperse areas	35%
Services	Contractual Services-Companies	766,511.5	4.3.2 Enable crop diversification for climate change	Intervention with focus on gender specially in female-headed households climate change research – crops diversification	23.2%
<b>Total Estimated Procurement Plan</b>		<b>US\$ 29,199,361</b>			