

Annex 3: Monitoring Plan

Monitoring	Indicators	Targets	Description indicators & targets	Data source / Collection Methods ¹	Frequency	Responsible for data collection	Means of verification	Risks/Assumptions
Project objective from the results framework Strengthen transboundary multi-stakeholder action in the Sixaola River Basin shared by Costa Rica and Panama to restore riverine and coastal ecosystems, reduce pollution from agricultural production and reduce risks from hydrometeorological disasters	Mandatory Indicator 1 # Direct project beneficiaries disaggregated by gender (individual people)	<u>Mid-term Target:</u> 2000 CR: women: 800; men: 800 PAN: women: 200; men: 200 <u>End of Project Target:</u> 4000 CR: women: 1,600; men: 1,600 PAN: women: 400; men: 400	Population segregated by gender directly involved in pilot demonstrative projects and those benefitted by project training activities.	<u>Costa Rica and Panamá:</u> List of participants during project activities segregated by gender; Members of participant organizations, including information about women lead organizations; Indigenous People and community-based organizations including information about women lead organizations	Annually	Project consultants Project Coordination Unit Monitoring and evaluation specialist UNDP Country office	Monitoring reports; List of participants segregated by gender; Members rosters of productive, Indigenous people and community-based organizations, segregated by gender.	Participation on each event is duly recorded
	Mandatory Indicator 2: # indirect project beneficiaries disaggregated by gender (individual people)	<u>Mid-term Target:</u> 5000 CR: women: 2000; men: 2000 PAN: women: 500; men: 500 <u>End of Project Target:</u> 16,788 CR: women: 6,296; men: 6,296 PAN: women: 2,098; men: 2,098	Population, segregated by gender indirectly involved in pilot demonstrative projects and those indirectly benefitted by project training activities.	<u>Costa Rica.</u> Official population data from national statistics office. <u>Panamá.</u> Official population data from national statistics office.	Annually	Project consultants Project Coordination Unit Monitoring and evaluation specialist	Monitoring reports; Sub regional and local governments Statistical information	Responsible parties duly document indirect beneficiaries during pilot execution

¹ Data collection methods should outline specific tools used to collect data and additional information as necessary to support monitoring. The PIR cannot be used as a source of verification.

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<p>Indicator 3 (GEF Core indicator 3)</p> <p>Area of land restored (in hectares)</p>	<p><u>Mid-term Target:</u> 1,000Ha</p> <p><u>End of Project Target:</u> 2,000Ha</p>	<p>Based on an IUCN project report, regarding the restoration opportunity area in riverine ecosystem in the SBRB.</p> <p>Includes buffer zones area and riverine forest area (ha).</p>	<p><u>Costa Rica and Panamá:</u></p> <p>Documents buffer zones area and riverine forest area (ha) in which the restoration actions have been implemented, including those on indigenous territories, in private farms and in protected areas.</p>	<p>Annually</p>	<p>Project Coordination Unit</p> <p>Project Consultants</p> <p>Monitoring and evaluation specialist</p>	<p>Field activities reports.</p> <p>Satellite imagery analysis</p> <p>Monitoring report</p>	<p>Responsible parties duly document the areas under restoration.</p> <p>Satellite images are available with adequate quality</p>
<p>Indicator 4 (GEF Core indicator 4)</p> <p>Area of landscapes under improved practices (hectares)</p>	<p><u>Mid-term Target:</u> 300Ha</p> <p><u>End of Project Target:</u> 1,000Ha</p>	<p>Based on potential cocoa producers from APPTA (which amount to a total of 1000 Ha in Costa Rica).</p> <p>Includes Area of Cocoa, banana and plantain plantations using improved organizational and productive practices.</p>	<p><u>Costa Rica and Panamá:</u></p> <p>Document Improved practices in cacao and banana production</p> <p>With the support of Producer organizations (APPTA, COCABO CORBANA, COBANA).</p>	<p>Annually</p>	<p>Project Coordination Unit</p> <p>Project Consultants</p> <p>Monitoring and evaluation specialist</p>	<p>Field activities reports.</p> <p>Reports or records provided by productive and communal organizations</p> <p>Monitoring report</p>	<p>Responsible parties duly document the areas under improved practices.</p> <p>Partners organizations provides access to records or reports related to the area under improved practices in hectares.</p>
<p>Indicator 5 (GEF indicator 7)</p> <p>Number of shared water ecosystems under new or improved cooperative management.</p>	<p><u>Mid-term Target:</u> 3</p> <p><u>End of Project Target:</u> 4 (one improved cooperative management instrument)</p>	<p>Baseline (level 2) refers to the current Operative Regulation of the CBCRS.</p> <p>Projects provide a rating on a scale of 1 to 4: 1 = No regional</p>	<p><u>Costa Rica and Panamá:</u></p> <p>Document level of development of cooperative management instruments</p>	<p>Annually</p>	<p>Permanent Binational Commission (MEF-MIDEPLAN)</p> <p>Monitoring and evaluation specialist</p>	<p>Official minutes from meetings of the CBCRS the PBC.</p> <p>Signed agreements</p> <p>Monitoring reports</p>	<p>Delays in negotiating and signing the agreement.</p> <p>The countries are willing to collaborate.</p>

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			legal agreement, or neither institutional framework nor RMI in place 2 = Regional legal agreement under development 3 = Regional legal agreement signed and RMI in place 4 = Regional legal agreement ratified and RMI functional.	according to the four steps of the scale.				
Project Outcome 1 Common understanding of the transboundary water and environmental issues, challenges and opportunities with gender perspective affecting the Sixaola river basin and agreed strategy for basin restoration and protection	Indicator 6 Level of access to and common understanding of transboundary environmental and water related problems with gender analysis by all key stakeholders, as a result of the elaboration of the TDA . <i>*See also related indicators: GAPI 1 and SAPI 3.</i>	<u>Mid-term Target:</u> The formulation of the TDA with gender perspective has been completed with updated inputs from all stakeholders involved <u>End of Project Target:</u> The TDA with gender perspective is presented and shared with stakeholders and media serves as key input for the Strategic Plan for the Sixaola River Binational Basin (2022-2032).	Rating on a scale of 1 to 4: 1 – no access 2 – TDA with Gender perspective finalized 3 – TDA with Gender perspective available online 4 – TDA with Gender perspective results presented and shared serves as a key input for the formulation of the Strategic Plan for the Sixaola River Binational Basin 2022-2032	<u>Costa Rica and Panamá:</u> Document level of development of TDA according to the four steps of the scale Document contributions of TDA on the formulation of the Strategic Plan for the Sixaola River Binational Basin 2022-2032. List of participants during TDA development activities segregated by gender;	Annually	Monitoring and evaluation specialist Project Consultants Gender Specialist	TDA document; Evidence form published TDA, Project website; Minutes from presentation of TDA with stakeholders; Strategic Plan for the Sixaola River Binational Basin 2022-2032; List of participants during TDA development activities segregated by gender.	The governments and partners support women participation in the TDA Participation on each event is duly recorded

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	<p>Indicator 7</p> <p>Number of binational actions identified together with key stakeholders and included in the Strategic Action Programme 2022-2032</p> <p>See also indicator GAPI 2 and SAPI 4</p>	<p><u>Mid-term Target:</u> At least 3 joint actions identified to be included in the SAP. At least 1 action proposed in the SAP, address issues affecting differently women and/or impact positively their empowerment for IWRM.</p> <p><u>End of Project Target:</u> At least three other joint actions with gender perspective have been identified, and a total of 6 have been incorporated through participatory and consensus processes into the SAP.</p>	<p>The baseline refers to the existence of a Strategic Plan for Transboundary Territorial Development 2017-2021</p>	<p><u>Costa Rica and Panamá:</u></p> <p>Final Evaluation of the Strategic Plan for Transboundary Territorial Development 2017-2021 including a women's empowerment chapter.</p>	<p>Mid term</p> <p>At the end of project</p>	<p>Monitoring and evaluation specialist</p> <p>Gender Specialist</p>	<p>Field activities reports</p> <p>SAP key actions implementation report</p>	<p>Stakeholders agree on joint actions and support them.</p> <p>The governments and partners support women participation and empowerment in joint actions</p>
<p>Project Outcome 2</p> <p>A Strategic Basin Action Programme (SAP) for the period 2022-2032 has been designed and strengthened CBCRS legal framework an enable IWRM in the binational basin.</p>	<p>Indicator 8: The Strategic Action Programme including a chapter to increase women's participation for the strengthening of the IWRM in the Sixaola river basin has been designed and approved</p>	<p><u>Mid-term Targets:</u> A technical team is commissioned with formulating the Strategic Action Programme (2022-2032) Key stakeholders, including women, are involved in design of SAP</p> <p><u>End of Project Target:</u> The Strategic Action Programme (2022-2032) has been designed and approved</p>	<p>Rating on a scale of 1 to 3:</p> <p>1 – no access</p> <p>2 – SAP including a chapter to increase women's participation for the strengthening of the IWRM in the Sixaola river basin has been designed and</p> <p>Number of key stakeholders. The number of women, involved</p>	<p><u>Costa Rica and Panamá:</u></p> <p>Document level of development of SAP including a chapter to increase women's participation according to the three steps of the scale</p> <p>List of participants during SAP design and consultation activities segregated by gender</p>	<p>Mid term</p> <p>At the end of project</p>	<p>Permanent Binational Commission (MEF-MIDEPLAN)</p> <p>Monitoring and evaluation specialist</p> <p>Gender Specialist</p>	<p>Minutes of SAP design and validation processes</p> <p>Act of SAP approval</p>	<p>Delays in negotiating and approval of SAP.</p> <p>The countries are willing to collaborate.</p> <p>Participation on each event is duly recorded</p> <p>The governments and partners support women</p>

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		through a participatory process. Key stakeholders with emphasis in women involved in consultation process of SAP.	in design of SAP has been collected 3 – SAP including a chapter to increase women’s participation for the strengthening of the IWRM in the Sixaola river basin has been approved. The number of women, involved in design of SAP has been collected.					participation and empowerment in the process.
	Indicator 9: A new legal framework for CBCRS enables joint public and private investment with gender equality in the Sixaola river basin	<p><u>Mid-term Target:</u> Rating for legal Framework: 2 A legal study has been conducted and specific recommendations with gender analysis provided to strengthen the legal and institutional make-up of the CBCRS.</p> <p><u>End of Project Target:</u> Rating for legal Framework: 4</p>	<p>Rating on a scale of 1 to 4: 1 = No legal agreement, or neither institutional framework on joint public nor private investments. 2 = Legal agreement under development 3 = Legal agreement signed and in place 4 = Legal agreement ratified and functional</p>	<p><u>Costa Rica and Panamá:</u></p> <p>Document level of development of new legal framework for CBCRS according to the four steps of the scale</p>	<p>Mid term At the end of project</p>	<p>Permanent Binational Commission (MEF-MIDEPLAN)</p> <p>Monitoring and evaluation specialist</p> <p>Gender Specialist</p>	<p>Minutes from meetings of the CBCRS the PBC.</p> <p>Acts of approval.</p>	<p>Delays in negotiating and approval of SAP.</p> <p>The countries are willing to collaborate.</p> <p>Participation on each event is duly recorded</p> <p>The governments and partners support women participation and empowerment in the process.</p>

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<p>Project Outcome 3 Demonstrative pilot interventions generate global environmental benefits in the Binational Sixaola River basin</p>	<p>Indicator 10 Improved solid waste management in local municipal governments in Talamanca and Changuinola,</p>	<p><u>Mid-term Target:</u> Number of management guidelines for improved solid waste management developed: 2</p> <p><u>End of Project Target:</u> Number of management guidelines for improved solid waste management developed: 4</p>	<p>Rating on a scale of 1 to 4: 1 = No guidelines for improved solid waste management in selected municipalities. 2 = Guidelines for improved solid waste management under development in selected municipalities. 3 = Guidelines for improved solid waste management developed. 4 = Guidelines in use by target municipalities.</p>	<p><u>Costa Rica and Panamá:</u> Document level of development of guidelines for improved solid waste management at municipal level according to the four steps of the scale.</p>	<p>Mid term At the end of project</p>	<p>Project management unit Monitoring and evaluation specialist</p>	<p>Monitoring report Guidelines documents.</p>	<p>Delays in approval of guidelines Delays in pilot implementation The municipalities are willing to collaborate. Participation on each event is duly recorded</p>
	<p>Indicator 11 Improved management the river margins of the Sixaola river basin through forest landscape restoration action</p>	<p><u>Mid-term Target:</u> Number of improved land management tools implemented: 10</p> <p><u>End of Project Target:</u> Number of improved land management tools implemented: 10</p>	<p>Number of land use management practices under implementation on a demonstrative scale (micro-corridors, live fences, protection zones; establishing nurseries of endemic species)</p>	<p><u>Costa Rica and Panamá:</u> Document integrating the results of demonstrative pilot interventions in the Binational Sixaola River basin List of participants in demonstrative pilot interventions activities segregated by gender</p>	<p>Annually</p>	<p>Project management unit Consultants Monitoring and evaluation specialist Gender Specialist</p>	<p>Monitoring reports Cooperation agreements with landowners bordering the Sixaola river margins</p>	<p>Delays in pilot implementation The countries are willing to collaborate. Interventions reports are duly recorded providing information in requires units.</p>

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<p>Indicator 12 Improved area in farms with improved management thanks to the articulation of the Multi-stakeholder dialogue platform mentoring program.</p>	<p><u>Mid-term Target:</u> Area in hectares implementing improved low polluting production best practices with gender equality implemented: 300Ha <u>End of Project Target:</u> Area in hectares implementing low polluting production best practices: 1,000Ha</p>	<p>Number of hectares per farm implementing improved low polluting production best practices and gender equality</p>	<p><u>Costa Rica and Panamá:</u> Document improved land management in the agricultural sector with gender perspective</p>	<p>Annually</p>	<p>Project management unit Consultants and partners organizations Monitoring and evaluation specialist Gender specialist</p>	<p>Monitoring report Demonstrative pilot interventions reports Cooperation agreements with productive sectors involved in ILM activities</p>	<p>Delays in pilot implementation The countries and key actors especially from productive sector are willing to collaborate. Interventions reports are duly recorded providing information in required units.</p>
<p>Indicator 13 Improved water quality in the Sixaola river basin with gender perspective.</p>	<p><u>Mid-term Target:</u> 0%, no sample points reach legally acceptable concentration levels of pollutants. <u>End of Project Target:</u> 25% sample points reach legally acceptable concentration levels of pollutants and improvements on BMWP index count (over 60)</p>	<p>Concentration level of critical pollutants collected in sampling places according to PPG baseline analysis. Water quality measured using families of macroinvertebrates as biological indicators, using a methodology called biological monitoring working party (BMWP)</p>	<p><u>Costa Rica and Panamá:</u> Monitoring report: Number of macroinvertebrates across sample points. Analysis of critical pollutants</p>	<p>Annually</p>	<p>Consultants Monitoring and evaluation specialist Gender specialist</p>	<p>Sample points monitoring reports BMWP reports</p>	<p>Delays in pilot implementation The countries and key stakeholders are willing to collaborate. Interventions reports are duly recorded.</p>

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<p>Indicator 14: Level of knowledge and skills to adopt best environmental practices in plantain and banana production with gender perspective (from 0 to 4)</p>	<p><u>Mid-term Target:</u> Best practices with gender equality partially adopted: 2 <u>End of Project Target:</u> best practices with gender equality broadly adopted and shared: 4</p>	<p>Rating on a scale of 1 to 4: 1 = No adoption of best environmental and gender practices in plantain and banana production. 2 = Adoption of best environmental and gender practices in plantain and banana production identified. 3 = Best practices with gender equality partially adopted. 4 = best practices with gender equality broadly adopted and shared</p>	<p><u>Costa Rica and Panamá:</u> Document best environmental and gender practices in plantain and banana production. List of participants in Best practices with gender equality interventions activities segregated by gender</p>	<p>Annually</p>	<p>Monitoring and evaluation specialist. Gender Specialist</p>	<p>Monitoring reports</p>	<p>Delays in pilot implementation The countries are willing to collaborate. Interventions reports are duly recorded.</p>
<p>Indicator 15: Percentage of women participating in pilot demonstration interventions</p>	<p><u>Mid-term Target:</u> Increase by 50% in the number women involved in pilot demonstration projects. <u>End of Project Target:</u> Increase by 100% in the</p>	<p>The total number of women involved in pilot demonstration projects.</p>	<p><u>Costa Rica and Panamá:</u> List of participants in demonstrative pilot interventions activities segregated by gender.</p>	<p>Annually</p>	<p>Monitoring and evaluation specialist. Gender Specialist</p>	<p>Pilot interventions reports. Monitoring reports</p>	<p>Delays in pilot implementation The countries are willing to collaborate.</p>

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	*See also related indicator: SAPI 6	number women involved in pilot demonstration projects.						Interventions reports are duly recorded. The governments and partners support women participation and empowerment in the process.
Project Outcome 4 Capacity of communities and local organizations to respond to flood risks in the Sixaola river margin is strengthened.	Indicator 16: Number of people on both sides of the border linked through the early warning system with gender perspective	<u>Mid-term Target:</u> 20 <u>End of Project Target:</u> 60	Baseline refers to the current people connected among local communities (in Costa Rica).	<u>Costa Rica and Panamá:</u> Monitoring report	Mid term End of project	Project management unit In coordination with the CNE and SINAPROC.	Monitoring reports CNE and SINAPORC reports	The countries and institutions are willing to collaborate. Interventions reports are duly recorded.
	Indicator 17: Number of alerts generated by the Early Warning System that combine traditional knowledge and technical scientific information.	<u>Mid-term Target:</u> 4 <u>End of Project Target:</u> 10	Official information collected from CNE and SINAPROC	<u>Costa Rica and Panamá:</u> Monitoring report	Mid term End of project	Consultant In coordination with the CNE and SINAPROC	Monitoring reports CNE and SINAPORC reports Consultant reports	The countries and institutions are willing to collaborate. Interventions reports are duly recorded.
	Indicator 18: Percentage of women involved in the binational Early Warning	<u>Mid-term Target:</u> 30% <u>End of Project Target:</u> 50%	Official information collected from CNE and SINAPROC	<u>Costa Rica and Panamá:</u> Monitoring report	Mid term End of project	Monitoring and evaluation specialist. Gender Specialist	Monitoring reports CNE and SINAPORC reports Consultant reports	The countries and institutions are willing to collaborate.

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	System skills training program.							Interventions reports are duly recorded.
Project Outcome 5 Improved knowledge, practice and aptitudes of key stakeholders regarding binational collaborative action to restore coastal and riverine ecosystems; control pollution and reduce vulnerability to flood risks	Indicator 18 Number of users accessing the digital content of the Project (social media and website). (disaggregated by gender).	<u>Mid-term Target:</u> 1000 <u>End of Project Target:</u> 5000	Users accessing IWLEARN portal with Sixaola information	<u>Costa Rica and Panamá:</u> Statistics derivate from information platform	Mid term End of project	Project management unit	Monitoring reports	The governments and partners support women participation and empowerment in the process.
	Indicator 19 Project monitoring and evaluation system generates and feeds impact indicators for decision making	<u>Mid-term Target:</u> 2 impact indicators developed <u>End of Project Target:</u> 4 impact indicators developed and monitored	Project monitoring system	<u>Costa Rica and Panamá:</u> Monitoring report	Mid term End of project	Project management unit	Monitoring reports	Interventions reports are duly recorded.
	SAPI 1. Number of direct project beneficiaries disaggregated by gender (<i>corresponds to Results Framework Indicator 1</i>).	<u>Mid-term Target:</u> 2000 CR: women: 800; men: 800 PAN: women: 200; men: 200 <u>End of Project Target:</u> 4000 CR: women: 1,600; men: 1,600 PAN: women: 400; men: 400	Population segregated by gender directly involved in pilot demonstrative projects and those benefitted by project training activities.	<u>Costa Rica and Panamá:</u> List of participants during project activities segregated by gender; Members of participant organizations, including information about women lead organizations; Indigenous People and community-based organizations including information	Annually	Project consultants Project Coordination Unit Monitoring and evaluation specialist UNDP Country office	Monitoring reports; List of participants segregated by gender; Members rosters of productive, Indigenous people and community-based organizations, segregated by gender.	Participation on each event is duly recorded

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				about women lead organizations				
	SAPI 2. Number of indirect project beneficiaries disaggregated by gender (corresponds to Results Framework indicator 2).	<u>Mid-term Target:</u> 5000 CR: women: 2000; men: 2000 PAN: women: 500; men: 500 <u>End of Project Target:</u> 16,788 CR: women: 6,296; men: 6,296 PAN: women: 2,098; men: 2,098	Population, segregated by gender indirectly involved in pilot demonstrative projects and those indirectly benefitted by project training activities.	<u>Costa Rica.</u> Official population data from national statistics office. <u>Panamá.</u> Official population data from national statistics office.	Annually	Project consultants Project Coordination Unit Monitoring and evaluation specialist	Monitoring reports; Sub regional and local governments Statistical information	Responsible parties duly document indirect beneficiaries during pilot execution
	SAPI 3. Percentage of participants from non-state entities in the TDA Development process (corresponds to indicator 6 of Results Framework)	<u>Mid-term Target:</u> At least 40% of non-state entities in the TDA development process. <u>End of Project Target:</u> 40%	Non state entities independent of the government such as civil society organizations, farmers associations or community groups	List of participants during TDA development activities segregated by gender.	Year 1 and 2	Monitoring and evaluation specialist Project Consultants Gender Specialist	List of participants during TDA development activities segregated by gender.	Interest of non governmental organizations
	SAPI 4. Percentage of non-state entities in SAP consultation meetings. (corresponds to Results framework indicator 7)	<u>Mid-term Target:</u> 50%. <u>End of Project Target:</u> 50%	Non-state entities on consultation meetings.	List of participants during TDA development activities segregated by gender.	Years 2 and 4	Monitoring and evaluation specialist Gender Specialist CBCRS and Indigenous Consultation Commission	Monitoring reports;	Interest of non governmental organizations

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	SAPI 5. Number of meetings in consultation processes for SAP in the participating countries.	<u>Mid-term Target:</u> 8 meetings <u>End of Project Target:</u> 16 national consultation meetings.	Meetings with stakeholders as indicated in the Stakeholder Plan	Minutes from meetings	Years 2 and 3	Monitoring and evaluation specialist Gender Specialist CBCRS and Indigenous Consultation Commission	Minutes from meetings	Participation on each event is duly recorded
	SAPI 6. Number of meetings with the IPCC to discuss the interventions of the project	<u>Mid-term Target:</u> 2 meetings <u>End of Project Target:</u> 4 meetings	At least one discussion/meeting proceedings per pilot intervention.	Minutes from meetings	Years 1, 2, 3, 4.	Monitoring and evaluation specialist Gender Specialist CBCRS and Indigenous Consultative Commission Project coordinator	Minutes from meetings	Participation on each event is duly recorded
	SAPI 7. No. of local organizations on both sides of the border trained under the EWS skills training program. <i>(Related to Results Framework indicator 19)</i>	<u>Mid-term Target:</u> 5 organizations <u>End of Project Target:</u> 10 organizations	Project monitoring system	<u>Costa Rica and Panamá:</u> Monitoring report	Mid term End of project	Monitoring & Evaluation Specialist	Monitoring reports	Interventions reports are duly recorded.

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	SAPI 8. Number of initiation and/or closing workshops with national stakeholders.	<u>Mid-term Target:</u> 2 workshops <u>End of Project Target:</u> 5 workshops	Project monitoring system	<u>Costa Rica and Panamá:</u> Monitoring report	Mid term End of project	Monitoring & Evaluation Specialist	Monitoring reports	Interest from the government of each country.
	SAPI 10. One gender and participation specialist is part of the project management unit	<u>Mid-term Target:</u> 1 person <u>End of Project Target:</u> 1 person		UNDP office	During the whole implementation of the project	Project Coordinator	UNDP office	Responsible parties (UNDP) duly follow up
	SAPI 11. One knowledge management specialist is part of the project unit	<u>Mid-term Target:</u> 1 person <u>End of Project Target:</u> 1 person		UNDP office	During the whole implementation of the project	Project Coordinator	UNDP office	Responsible parties (UNDP) duly follow up
	SAPI 9. Corresponds to Results Framework indicator 18	<u>Mid-term Target:</u> 1000 <u>End of Project Target:</u> 5000	Users accessing IWLEARN portal with Sixaola information	<u>Costa Rica and Panamá:</u> Statistics derivate from information platform	Mid term End of project	Project management unit	Monitoring reports	The governments and partners support women participation and empowerment in the process.
Gender Action Plan related indicators (GAPI)	<u>GAPI 1 (related to Project Indicator 6):</u> Level of understanding of key stakeholders on the situation of indigenous	<u>Mid-term Target:</u> The formulation of the TDA with gender perspective has been completed with updated inputs from all stakeholders involved <u>End of Project Target:</u> The TDA with gender	Rating on a scale of 1 to 4: 1 – no access 2 – TDA with Gender perspective finalized 3 – TDA with Gender	<u>Costa Rica and Panamá:</u> Document level of development of TDA according to the four steps of the scale Document contributions of TDA	Annually	Monitoring and evaluation specialist Project Consultants Gender Specialist	TDA document; Evidence form published TDA, Project website; Minutes from presentation of TDA with stakeholders;	The governments and partners support women participation in the TDA Participation on each event is duly recorded

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	women, afro descent women and rural women in the SBRB regarding the environmental impacts on their lives, and their role on IWRM.	perspective is presented and shared with stakeholders and media serves as key input for the Strategic Plan for the Sixaola River Binational Basin (2022-2032).	perspective available online 4 – TDA with Gender perspective results presented and shared serves as a key input for the formulation of the Strategic Plan for the Sixaola River Binational Basin 2022-2032	on the formulation of the Strategic Plan for the Sixaola River Binational Basin 2022-2032. List of participants during TDA development activities segregated by gender;			Strategic Plan for the Sixaola River Binational Basin 2022-2032; List of participants during TDA development activities segregated by gender.	
Gender Action Plan related indicators (GAPI)	GAPI 2 (related to Project Indicator 7): Number actions included in the Strategic Action Programme 2022-2032 that focus on reducing differentiated risks and impacts to women or impact positively women's empowerment.	The existing Transboundary Territorial Development Plan 2017 – 2021, does not include a gender analysis, not any strategic or concrete actions with gender perspective. Mid-term Target: At least 3 joint actions identified to be included in the SAP. At least 1 action proposed in the SAP, address issues affecting differently women and/or impact positively their empowerment for IWRM. End of Project Target: At least three other joint actions with gender perspective	The baseline refers to the existence of a Strategic Plan for Transboundary Territorial Development 2017-2021. The CBCRS is a champion in ensuring the integration of gender-related actions in SAP, as a result, at least 2 actions (or 1/3 of the total actions) proposed in the SAP, address issues affecting differently women and/or impact positively their	<u>Costa Rica and Panamá:</u> Final Evaluation of the Strategic Plan for Transboundary Territorial Development 2017-2021 including a women's empowerment and specific chapter.	Mid term At the end of project	Monitoring and evaluation specialist Gender Specialist	Field activities reports SAP key actions implementation report	Stakeholders / Women groups agree on joint actions and support them. The governments and partners support women participation and empowerment in joint actions

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		have been identified, and a total of 6 have been incorporated through participatory and consensus processes into the SAP	empowerment for IWRM					
Gender Action Plan related indicators (GAPI)	GAPI 3 (related to Project Indicator 9): A new legal framework for CBCRS enables joint public and private investment, ensures gender empowerment & reduces differentiated risks and impacts on women in the SBRB.	Mid-term Target: Rating for legal Framework: 2 A legal study has been conducted and specific recommendations with gender analysis provided to strengthen the legal and institutional make-up of the CBCRS. The CBCRS's Regulation (reglamento) has been updated and improved to ensure the visibility of women in the decision making. End of Project Target: Rating for legal Framework: 4	The current CBCRS's Regulation regarding the Assembly composition does not consider the specific participation of women or women's associations, or their role on IWRM.	Costa Rica and Panamá: Document level of development of new legal framework for CBCRS according to the four steps of the scale	Mid term At the end of project	Permanent Binational Commission (MEF-MIDEPLAN) Monitoring and evaluation specialist Gender Specialist	Minutes from meetings of the CBCRS the PBC. Acts of approval.	Delays in negotiating and approval of SAP. The countries are willing to collaborate. Participation on each event is duly recorded The governments and partners support women participation and empowerment in the process.
Gender Action Plan related indicators (GAPI)	GAPI 4 (related to Project Indicator 10): Number of sustainable waste management solutions identified and described through technical guidelines, that	Mid-term Target: Number of management guidelines for improved solid waste management developed: 1 End of Project Target: Number of	Rating on a scale of 1 to 4: 1 = No guidelines for improved solid waste management in selected municipalities. 2 = Guidelines for improved solid waste	Costa Rica and Panamá: Document level of development of guidelines for improved solid waste management at municipal level	Mid term At the end of project	Project management unit Monitoring and evaluation specialist	Monitoring report Guidelines documents.	Delays in approval of guidelines Delays in pilot implementation The municipalities are willing to collaborate.

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	aim to reduce differentiated risks and impacts on women in the SBRB.	management guidelines for improved solid waste management developed: 2 At least 2 technical guidelines of waste management solutions. developed aiming to reduce differentiated risks and impacts on women in the SBRB.	management under development in selected municipalities. 3 = Guidelines for improved solid waste management developed. 4 = Guidelines in use by target municipalities.	according to the four steps of the scale.				Participation on each event is duly recorded
Gender Action Plan related indicators (GAPI)	GAPI 5 (mandatory indicator 1): Number of direct project women beneficiaries from training/exchange programme for women to discuss and improve the understanding of Land Management Tools.	<u>Mid-term Target:</u> 50 women <u>End of Project Target:</u> 100 women	Population segregated by gender directly involved in pilot demonstrative projects and those benefitted by project training activities.	<u>Costa Rica and Panamá:</u> List of participants during project activities segregated by gender; Members of participant organizations, including information about women lead organizations; Indigenous People and community-based organizations including information about women lead organizations	Annually	Project consultants Project Coordination Unit Monitoring and evaluation specialist UNDP Country office	Monitoring reports; List of participants segregated by gender; Members rosters of productive, Indigenous people and community-based organizations, segregated by gender.	Participation on each event is duly recorded
Gender Action Plan related indicators (GAPI)	GAPI 6 (related to Project Indicator 11): Improved management of the river margins of the Sixaola river basin through	<u>Mid-term Target:</u> Number of improved land management tools implemented: 10 <u>End of Project Target:</u>	Number of land use management practices under implementation on a demonstrative scale	<u>Costa Rica and Panamá:</u> List of participants in demonstrative pilot interventions activities segregated by gender	Annually	Project management unit Consultants	Monitoring reports Cooperation agreements with landowners bordering the Sixaola river margins	Delays in pilot implementation The countries are willing to collaborate.

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	forest landscape restoration actions.	Number of improved land management tools implemented: 10 Recommendations Document to be considered on the implementation of Land Management Tools with gender perspective	Implemented by women (micro-corridors, live fences, protection zones; establishing nurseries of endemic species)			Monitoring and evaluation specialist Gender Specialist		Interventions reports are duly recorded providing information in requires units.
Gender Action Plan related indicators (GAPI)	GAPI 7 (mandatory indicator 1): Number of direct project women beneficiaries sustainable Musa sp. production program focused on women. .	Mid-term Target: 25 women End of Project Target: 50 women	Population segregated by gender directly involved in pilot demonstrative projects and those benefitted by project training activities.	<u>Costa Rica and Panamá:</u> List of participants during project activities segregated by gender; Members of participant organizations, including information about women lead organizations; Indigenous People and community-based organizations including information about women lead organizations	Annually	Project consultants Project Coordination Unit Monitoring and evaluation specialist UNDP Country office	Monitoring reports; List of participants segregated by gender; Members rosters of productive, Indigenous people and community-based organizations, segregated by gender.	Participation on each event is duly recorded
Gender Action Plan related indicators (GAPI)	GAPI 8 (GEF7 Core Indicator 4). Area of landscapes under improved practices (hectares) in Musa production farms managed by women	At least 20% of the area managed or co-managed by women. Mid-term Target: 60Ha End of Project Target: 200Ha	Based on potential cocoa producers from APPTA (which amount to a total of 1000 Ha in Costa Rica). Includes Area of Cocoa, banana and plantain	<u>Costa Rica and Panamá:</u> Document Improved practices in cacao and banana production With the support of Producer organizations (APPTA,	Annually	Project Coordination Unit Gender and Participation Specialist Monitoring and evaluation specialist	Field activities reports. Reports or records provided by productive and communal organizations Monitoring report	Responsible parties duly document the areas under improved practices. Partners organizations provides access to records or reports

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			plantations using improved organizational and productive practices.	COCABO CORBANA, COBANA).				related to the area under improved practices in hectares.
Gender Action Plan related indicators (GAPI)	GAPI 9 (related to <u>Project Indicator 16</u> : Number of women participating through the early warning system.	20% of project target people to be trained involved to respond to flood risks of the Sixaola River, are women. <u>Mid-term Target:</u> 5 women <u>End of Project Target:</u> 15 women	Baseline refers to the current people connected among local communities (in Costa Rica).	<u>Costa Rica and Panamá:</u> Monitoring report	Mid term End of project	Project management unit In coordination with the CNE and SINAPROC.	Monitoring reports CNE and SINAPORC reports	The countries and institutions are willing to collaborate. Interventions reports are duly recorded.
Gender Action Plan related indicators (GAPI)	GAPI 10: % of women appear in communication materials.	<u>Mid-term Target:</u> 30% <u>End of Project Target:</u> 30% of communication materials have women	Indicates the presence in pictures, examples or videos that are women.	Communication materials	Mid term End of project	Gender and Participation Specialist together with: Monitoring & Evaluation Specialist	Communication products	
Gender Action Plan related indicators (GAPI)	GAPI 11 (related to <u>Indicator 19</u> : Project M&E system generates gender differentiated information and impact indicators for decision making.	<u>Mid-term Target:</u> 25% of information generated is differentiated <u>End of Project Target:</u> 25% of information is differentiated. 1 impacts indicator.	Project monitoring system	<u>Costa Rica and Panamá:</u> Monitoring report	Mid term End of project	Gender and Participation Specialist together with: Monitoring & Evaluation Specialist	Monitoring reports	Interventions reports are duly recorded.
Indigenous People's Plan	IPPF indicator 1 Participation in project planning	<u>Mid-term Target:</u> Consideration in all project planning meetings.	IPCC participates in Global execution plan and in annual programming.	Proceedings and reports of the Executing Unit. IPCC reports.	Annually	Project consultant	Consultant report Project reports	The IPCC is not summoned by the Executing Unit to review the plan.

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		<u>End of Project Target:</u> Consideration in all project planning meetings.	Indigenous rights to land management and consultation are considered in all activities of the project					Proposals of the IPCC concerning indigenous rights are not accepted arguing technical reasons. Project must be based on an indigenous rights approach. Project staff and the CBCRS must be informed and trained in indigenous rights to prevent the risk.
Indigenous People's Plan	IPPF indicator 2 Training of project staff and CBCRS	<u>Mid-term Target:</u> A continuous training program launched. <u>End of Project Target:</u> An indigenous right briefing to all new staff.	Training program implemented. Indigenous rights briefings implemented. Activities closely coordinated with the IPCC	Project reports. Field verification. IPCC reports.	Permanent	Project consultant reports to IPCC.	Consultant reports. Field reports.	Executing Unit does not consider indigenous rights training and briefings for project staff and CBCRS. Risk of indigenous rights All project staff relationships with indigenous peoples and authorities must have an intercultural approach.
Indigenous People's Plan	IPPF indicator 3 Intercultural approach in protected areas and Biological Corridors management.	<u>Mid-term Target:</u> 0 <u>End of Project Target:</u> All management plans consider indigenous land governance norms and perspectives.	Incorporation of an intercultural approach in all management plans. All management plans consider indigenous land governance norms and perspectives.	Project reports. Management plans revision. IPCC reports.	Permanent	Project consultant reports to IPCC.	Project reports.	Lack of intercultural and rights-based proposal will affect project sustainability. Project staff understands land and water indigenous governance.

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Indigenous Plan	People's	IPPF indicator 4 Consultation and FPIC	<p><u>Mid-term Target:</u> 0</p> <p><u>End of Project Target:</u> Consultations and FPIC are made when established by the IPCC</p>	Consultations implemented according to IPCC recommendations and national procedures.	Consultation reports by IPCC, UTCI and Territorial Consultation Instances (TCI) in Costa Rica and Vice-Ministry of Indigenous Affairs (VMIA) in Panama.	When consultations are made.	Project consultant. IPCC.	UTCI, VMIA, UTIC, TCI and project reports.	<p>Lack of consultation or FPIC when necessary could lead to indigenous rights violation, loss of legitimacy and sustainability.</p> <p>Project staff should be trained to understand consultation practices.</p>
Indigenous Plan	People's	IPPF indicator 5 Local authorities participate in project activities	<p><u>Mid-term Target:</u> 0</p> <p><u>End of Project Target:</u> Project activities in indigenous territories and ancestral lands have local participation and are culturally adapted.</p>	Agreements with local organizations for executing activities in their territories.	Project reports. IPCC reports	Annually	Project consultant. IPCC	Local organizations, project reports, IPCC.	<p>Lack of local participation could lead to loss of legitimacy and sustainability.</p> <p>Project staff will incorporate local organizations in all activities.</p>
Indigenous Plan	People's	IPPF indicator 6 Knowledge management and communication strategies have an intercultural approach	<p><u>Mid-term Target:</u> 0</p> <p><u>End of Project Target:</u> All communication products are culturally adapted including the translation to indigenous languages.</p>	All project knowledge management and communication products consider cultural diversity and indigenous rights.	Knowledge products and communication strategies and messages.	Permanent.	Project consultant. IPCC	Knowledge products content analysis.	<p>Risk of cultural disagreements with indigenous peoples.</p> <p>Staff in charge of knowledge management will be trained in intercultural approaches and local cultures.</p>