

PANAMA

Integration of Climate Change Adaptation and Mitigation Measures in the Management of Natural Resources in Four Priority Watersheds of Panama (MDGF-1691-)



Environment and Climate Change

Total Budget:	USD4,000,000		
Budget by Agency:	FAO: 604,282 PAHO: 611,450	UNDP: 1,250,851 UNEP: 1,533,417	
Participating Gov. Entities:	National Environmental Authority (ANAM), Ministry of Agricultural Development (MIDA), National Civil Protection System (SINAPROC) and the Ministry of Health (MINSAs).		
Start Date:	July 01, 2008	Approval Date:	December 18, 2008
Est. End Date:	July 01, 2011	Signature Date:	June 13, 2008
Disbursements:	First Disbursement:	July 07, 2008	USD 1,525,972
	Second Disbursement:	May 14, 2010	USD 1,023,528
	Third Disbursement:		
In Brief:	<p>This UNDP, FAO, UNEP, PAHO/WHO and GEF-SGP Joint Programme will promote the implementation of climate change adaptation and mitigation measures in vulnerable populations through sustainable land management and optimal water use, particularly in the agricultural and forestry sectors.</p> <p>The programme will focus on areas with high levels of land degradation, pressure on land and water resources, vulnerability to climate change and poverty. The overall aim of the programme is to build the capacity to adapt to, and mitigate climate change in order to contribute to environmental sustainability and poverty reduction in four priority watersheds in Panama. This will be achieved through the development of an Adaptation and Mitigation Strategy and a Pilot Climate Monitoring System, improvement of local management of land and water resources, and increased access to sources of funding, thus contributing to climate change adaptation and mitigation and to the achievement of MDGs 1 and 7.</p>		

Outcomes:

- An Integrated Adaptation and Mitigation Management Strategy and a pilot Climate Monitoring System developed to ensure that adaptation and mitigation issues are taken into account when making development decisions at national level.
- Improved local management of natural resources (water and soil) to increase the ability to adapt to climate change and mitigate its effects.
- Access to increased levels of funding to support sustainable management activities for natural resources aimed at adapting to climate change and mitigating its effects.



Regions of Intervention:	Darién Province: Region of Emberá (Chucunaque basin), Veraguas Province: Region of Ngäbe-Buglé (Tabasará basin)		
MDGs	MDG7 :T7A. T7B		
Project coordinator: Milagros Diaz		RCO Focal Point: Katherine Mcaleer:	

Beneficiaries <ul style="list-style-type: none"> • No. Institutions • No. Women • No. Men • No. ethnic groups 	Direct 13 9,737 10,885 11,830	Indirect 0 74,003 16,014 150,000																				
Status	Delayed/Action plan revised and approved by the National Steering Committee There was a review process for the action plan which affected the programme schedule. Since then, national and traditional indigenous elections have also affected the programme.																					
Estimated financial execution status as of the 1st biannual report 2010:	Disbursed Budget: <ul style="list-style-type: none"> • 34% over the Total approved budget • 53% over transferred budget Committed Budget: <ul style="list-style-type: none"> • 40% over the Total approved budget • 63% over transferred budget 																					
Delivery rate by Agency Graphic:	<table border="1" style="margin-top: 10px;"> <caption>Delivery Rate Data</caption> <thead> <tr> <th>Agency</th> <th>Transferred</th> <th>Disbursed</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>FAO</td> <td>~480,000</td> <td>~300,000</td> <td>59.92%</td> </tr> <tr> <td>PAHO</td> <td>~450,000</td> <td>~250,000</td> <td>52.1%</td> </tr> <tr> <td>UNDP</td> <td>~800,000</td> <td>~350,000</td> <td>39.97%</td> </tr> <tr> <td>UNEP</td> <td>~800,000</td> <td>~500,000</td> <td>63.59%</td> </tr> </tbody> </table>		Agency	Transferred	Disbursed	Percentage	FAO	~480,000	~300,000	59.92%	PAHO	~450,000	~250,000	52.1%	UNDP	~800,000	~350,000	39.97%	UNEP	~800,000	~500,000	63.59%
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Main Achievements:	<ol style="list-style-type: none"> 1. Outcome 1: Climate Change Monitoring System: purchased and delivered 3 automatic, satellite-transmission weather stations; 2 hydrological stations with rain sensors and 3 pluviometers. 2. Outcome 1: Equipment installed and training carried out for the implementation of the Early Warning System in: 3 communities in the Emberá – Wounaan region and 3 communities in the Kuna de Wargandi region, benefiting a total of 1,786 people. Two repeaters installed: one in Darién Province and the Chiriquí Province, to enable radio communication in both Ngobe Buglé and Emberá. 3. Outcome 2: 6 community projects on the handling of natural resources, designed by young people from the communities who form part of the Eco-Clubs, have been or are being concluded. 																					
Other important achievements	<u>Outcome 1:</u> <ul style="list-style-type: none"> • In progress - studies on micro-basins, which will result in guidelines for their management strategies. • Training on geographic information systems and the use of GPS for government employees and members of General Congress of the Embera Wounaan Region. <u>Outcome 2:</u> <ul style="list-style-type: none"> • Emberá Region's institutions strengthened by opening the Office of Traditional Government in the community of El Salto. • The translations of the material compiled, systematized and analyzed on the regulations regarding climate change have been finished along with the relevant summary of environmental legislation. • 9 adaptation and mitigating actions on farmsteads are being analyzed and implemented in both the Tabasará and Chucunaque river basins. <u>Outcome 3:</u> <ul style="list-style-type: none"> • Training workshop on Mechanisms for Clean Development for the government employees in ANAM, SINAPROC, MINSA and MIDA. • Small-Scale Forestation and Reforestation pilot projects for presentation as MDLs. 																					

Does the JP incorporate gender considerations in the **activities/outputs/outcomes**? (example)

Does the JP include gender specific **indicators** in the monitoring plan?(example)

Does the JP mention gender relationships as part of the **challenges** analyzed? (specify)