

## CN/000145- Natural Disaster Mitigation in the South Department

### 1. Organizations and Contacts

#### 1.1 Organizations (Indicate all organizations that will participate in this project including all implementing agencies)

Organizations	Type	Project Ref. No.
Inter-American Development Bank (IDB)	Multilateral Regional Development Banks	
Ministère de l'agriculture, des ressources naturelles, et du développement rural (MARNDR)	Haïti Government	

#### 1.2 Contacts (Please specify all contacts for this project from all the participating organizations)

Name	Organization	Title	E-mail	Phone
Eve Bugler	Inter-American Development Bank (IDB)	Project Co-ordinator	<a href="mailto:eveb@iadb.org">eveb@iadb.org</a>	509 2812 5037
Gilles Damais	Inter-American Development Bank (IDB)		<a href="mailto:Gillesd@iadb.org">Gillesd@iadb.org</a>	(509) 28 12 50 30

#### Contact(s) that has received IHRC correspondence as well as system notifications

Eve Bugler (Inter-American Development Bank (IDB))  
Gilles Damais (Inter-American Development Bank (IDB))

### 2. Project Details

#### 2.1 Title

Natural Disaster Mitigation in the South Department

**2.2 Description** (Describe the need that the project will address, the desired outcomes and objectives, main activities, and an explanation of links between needs, activities, outputs, and outcomes. Include an explanation of how the proposal is consistent with the Haiti Action Plan for National, Recovery and Development.)

The objective of the Program is to reduce long term vulnerability to natural disasters of some 250,000 inhabitants living in approximately 1,000 square km in two watersheds of the south department (Ravine du Sud in Les Cayes and Cavaillon). Activities will focus on disaster prevention and reduction through (i) investments in infrastructure (ii) direct support to sustainable agriculture, including agro-forestry and pastures on slopes and (iii) local capacity building to ensure sustainable watershed management.

Consistency with Haiti Action Plan: The proposed project is consistent with the Action Plan for National Recovery and Development of Haiti (APNRDH) in its section :

- (i) Territorial rebuilding, Program 413, 415 and 416
- (ii) Economic Recovery, Agriculture, Programs 421 and 423, as well as with the National Agricultural Investment Plan, subcomponents A1, B1, B3.

Les Cayes is one of the three development poles identified as priority target in the APNRDH. This program will be co-financed by IDB and the Norwegian government.

Project objective and description. The project objective is to reduce environmental and socio-economic vulnerability to natural disasters for the population living in the Ravine du Sud and Cavaillon watersheds (100,000 ha, 4% of the national territory). Activities will focus on three main components :

(i) Protective infrastructure (US \$ 12 millions) : this includes feasibility studies and substantial public works in particular re-profiling of river, strengthening riverbanks and building micro-dams. This component should prevent excessive flooding of Les Cayes and Camp Perrin urban areas. Such flooding contributed substantially to impoverish the region. Activities will focus on some 40 particularly vulnerable sites.

(ii) Support to sustainable agriculture on the slopes (US\$12 millions)

This component includes financial supports (grants) to legally recognized farmer associations and individual farmers established in particularly vulnerable areas. The beneficiaries will be all those farmers ready to introduce anti-erosion techniques. The grants will consist of fixed amounts for the technical option selected by the farmer. These options will be designed by the Ministry of Agriculture including the costs involved and the level of the corresponding grant, with the agreement of IDB. This component will also include the recruitment of additional staff within the departmental office of the MARNDR to support and supervise the activities.

(iii) Institutional strengthening and capacity building for the sustainable management of watershed (US \$ 10 millions)

This component will mostly focus on substantially increasing the capacity of the Ministries at departmental level, while a small sub-component will also enable the central ministry play its leadership role. It will also allow for the creation of local committees for the management of the watersheds.

### 2.3 Project URL

<http://>

### 2.4 Schedule

Start Date	End Date	Duration
01-Oct-2010	01-Oct-2015	60 months 0 days

## 3. Pillars and geographic locations

### 3.1 Pillars

Pillar	Sub-sector	%
Budget Support	Budget Support	20.00
Economic Rebuilding	Agriculture, farming and fishing	30.00
Territorial Rebuilding	Disaster management and prevention	30.00
Territorial Rebuilding	Other(Watershed management and local development)	20.00
Unallocated		0.00

### 3.2 Geographic Locations

Department	Arrondissement	Commune	%
Sud (Les Cayes)	Les Cayes Arrondissement	Les Cayes	50.00
Sud (Les Cayes)	Les Cayes Arrondissement	Camp-Perrin	50.00
Unallocated			0.00

## 4. Project Components and Outputs

### 4.1 Project Components(list the project budget lines)

No.	Component
1	Infrastructures : US \$ 12 millions
2	Sustainable agriculture : US \$ 12 millions
3	Capacity building and institutional strengthening : US \$ 10 millions

### 4.2 Key outputs and associated budget (the intended goods or services to be provided)

Key Output	Location	Budget (\$ USD)	Target	Year 1	Year 2	Year 3	Year 4	Year 5
Area Covered by Flood Control/Coastal Protection (Km2)	Sud (Les Cayes)   Les Cayes Arrondissement   Les Cayes	6,000,000	150	40	80	120	140	150
Area Covered by Flood	Sud (Les Cayes)   Les Cayes	6,000,000	150	40	80	120	140	150

Control/Coastal Protection (Km2)	Arrondissement   Camp-Perrin								
Area of agricultural land rehabilitated (Hectares)	Sud (Les Cayes)   Les Cayes Arrondissement   Les Cayes	6,000,000	8,000	800	2,000	4,000	6,000	8,000	
Area of agricultural land rehabilitated (Hectares)	Sud (Les Cayes)   Les Cayes Arrondissement   Camp-Perrin	6,000,000	8,000	800	2,000	4,000	6,000	8,000	

#### 4.3 Key results and success indicators (the intended societal change or outcomes)

Success Indicator	Year 1	Year 2	Year 3	Year 4	Year 5
Increase in covered areas Note unit for indicators is % increase from base year	0	5	10	15	25
Losses in infrastructure due to floods Note unit for indicators is % decrease from base year	0	15	30	40	50

**4.4 Data source to verify success indicators** (e.g. randomized household or business surveys, student aptitude tests, medical questionnaire yield data)

- baseline to be established, with randomized household surveys (incomes) and historical data analysis (flooding)
- permanent monitoring system based on a representative sample of producers
- final evaluation, with randomized household new survey

## 5. Financial Information

#### 5.1 Please check to identify whether this is an on-budget or off-budget project

<input checked="" type="checkbox"/> On-budget, on-Treasury	funded through the budgeting system of the Government of Haiti. Fund source could be Government or foreign grants or loans	20%
<input checked="" type="checkbox"/> On-budget, off-Treasury	counted as Government of Haiti expenditures but funding flows through third party/ies (e.g. a multilateral donor)	80%
Off-budget	funded directly by donors and / or NGOs. Off-budget funds do not flow through the Government of Haiti budgeting system	

**5.2 Will this project be seeking funding from the Haiti Reconstruction Fund?** (more information on the HRF can be found on the IHRC website )

IDM - DETAILS Inter-American Development Bank (IDB)

#### 5.3 Project Cost (This is the total value of the project from all funding sources (including counterpart funds))

Note that the years are automatically generated based on the start and end dates specified in section 2.4.

Implementation Years	Currency	Rate to 1 USD	Cost	Cost(USD)
Total	USD (US Dollar)	1.0000	34,000,000	34,000,000
2010			0	
2011			4,000,000	4,000,000
2012			8,000,000	8,000,000
2013			8,000,000	8,000,000
2014			10,000,000	10,000,000
2015			4,000,000	4,000,000
Unplanned			0	

#### 5.4 Commitments and Disbursements

Funding Source   Funding Agency	1st Level Implementer	Type	Commitment (USD)	Disbursement (USD)
<input checked="" type="checkbox"/> Contributions from bilateral and multilateral donors   Inter-American Development Bank (IDB)	Inter-American Development Bank (IDB)			20,000,000
<input checked="" type="checkbox"/> Other   Inter-American Development Bank (IDB)	Inter-American Development Bank (IDB)			14,000,000
<b>TOTAL</b>				<b>34,000,000</b>

## 6. Impact Assessment

### 6.1 Contribution to Haiti's social and economic development

a) Number of local workers that will be employed in this project:

Number of local workers	Percentage of local workers
30,000	100

b) How will the project use Haitian sourced goods and services? How will the project create additional capacity for the Haitian economy?

All the materials will be Haitian-sourced, except: cement, iron for construction works, fertilizers. Rehabilitated and newly built infrastructures will represent new assets for the Haitian economy; transferred technology will increase human capital for the Haitian economy.

### 6.2 Contribution to equality

a) Does this project target vulnerable groups (e.g. people living in poverty, people with disabilities etc.)

Yes  No

b) Does this project take measures to promote gender equity?

Yes No Has a gender analysis been conducted? Yes  No

c) Does this project take into account specific needs of children and young people?

Yes  No

### 6.3 Sustainability Assessment

How will you ensure that this project will be sustained after completion? Please describe how you will be transferring knowledge and capacity to the Haitian counterpart.

The reduction in the social and economic losses due to disasters will ensure a greater return on investments, agricultural and others in the region.

Component 1: Cost recovery mechanisms to cover running costs, maintenance and depreciation of investments will be in place, when possible, through contractual arrangements with local authorities, farmer organizations and/or public entities.

Component 2: Smart subsidies will be distributed through a "one shot transfer" system for the final adoption of new and sustainable technologies. In the long-run, this transfer mechanism should be replaced by rural credit and other financial instruments. The implementation of sustainable watershed management practices will ensure durable increase in household incomes for beneficiaries.

Component 3 : budgetary support mechanism will initiate a long term support from the national budget to the MARNDR, locally and centrally.

## 6.4 Environmental Assessment

Please describe the measures taken to ensure that the project has a positive impact on the environment. If relevant, please specify how the project might negatively impact the environment, and how you plan to measure and mitigate this impact.

Every IDB-funded project has to fulfill the IDB's Environment & Safeguards Compliance Policy (<http://idbdocs.iadb.org/wsdocs/getDocument.aspx?DOCNUM=665902>), its application is mandatory. A detailed environmental assessment of the project is a requirement prior to its approval by the Board. This assessment is consistent with international standards and best practices in environmental evaluations. As a result, an Environmental and Social Monitoring Plan has been prepared for each component of the project. It will be monitored during execution.

## 7. Line Ministry and Government of Haiti Involvement

---

**7.1 Required Approvals** (Please let us know the steps you have taken to get approvals needed for the project, including the approvals requested, status of requests, and names of your contacts in government agencies)

- 1) Active IDB support and participation in the elaboration of the National Agricultural Investment Plan (NAIP) and the Action plan for national recovery and development of Haiti
- 2) Public endorsement of the NAIP in the Punta Cana High Level Side Meeting on Agriculture (1st June, 2010)
- 3) Working sessions with the Senior Advisers of the Minister of Agriculture and with the Minister himself, in order to target NAIP subcomponents that better fit with IDB "savoir faire" and experience in Haiti
- 4) Project endorsement with the MARNDR on september 9, 2010
- 5) Joint mission in Les Cayes with MARNDR and other ministries on september, 11th.
- 6) Endorsement by the Minister of Interior and Local Collectivities through two meetings.

Main contacts in the Ministry of Agriculture:

- Joanas Gué, Minister of Agriculture, Natural Resources and Rural Development (MARNDR)
- Jean Marie Robert Chery, Advisor to the Minister
- Departmental Director for Agriculture in the south,

### 7.2 Line Ministry Involvement

Which Ministries or other offices of the Government of Haiti are you in touch with?

MARNDR  
MICT  
MTPTC

Please provide the names of your contacts within the Ministries or other offices of the Government of Haiti

MARNDR : Jean Robert Chery, senior technical adviser  
MICT : Minister Paul Antoine Bien Aimé  
MTPTC : departmental director in the south

How does this project align with Ministry plans?

- 1) This project is fully consistent with the National Agricultural Investment Plan, in the following subcomponents
  - Subcomponent A1: watershed management
  - Subcomponent B1: livestock
  - Subcomponent B3: crop production
- 2) This project is also fully consistent with the National Disaster Management Plan

## 8. Local Community Support

---

**8.1 Local Community Involvement** (Please explain to what extent you have involved the local community (e.g., community-wide meeting to discuss projects, solicit input from marginalized/disadvantaged groups, other outreach activities)

Both the National Agricultural Investment Plan and the PARNDR were presented and discussed with key stakeholders and representatives of local governments before their approval. In addition, the formulation process for the Disaster Mitigation Program included several consultations with key stakeholders at local level.

## 9. Monitoring Process

---

**9.1 Anti-corruption mechanism** (Please describe your anti-corruption mechanisms, particularly to address procurement, financial reporting and fund disbursement.)

Procurement. Works, goods and contracting services will be procured in accordance with policies for procurement of works and goods financed by the IDB. A procurement plan for the first 18 months has been prepared before project approval and it is updated annually. All contracts for works, goods and services in excess of a specific amount are subject to ex-ante review by the IDB. Executor's procurement capacity has been strengthened with a procurement specialist.

Fiduciary aspects. During project preparation, fiduciary risks have been evaluated on the basis of the Executing Agency's

experiences with IDB-funded operation, audit reports and its own Institutional Capacity Assessment methodology. Based on risk-assessment report, executing agency's capacity and financial/accounting procedures are reviewed and strengthened. Semiannual external audit reports of financial statements, including internal control system, are prepared and sent to IDB. Disbursements. Disbursements requests will be prepared and submitted to IDB by Executing Agency, following standard IDB procedures. Project monitoring system will track down use of resources. Annual operating plan, validated by the IDB, will report on the use of project funds on the year and estimate disbursements for following year.

#### 9.2 Project progress monitoring process (Please describe the monitoring and evaluation plan and methods for the project)

A specific monitoring unit will be established inside the Project Execution Unit. The Departmental Directorate for Environment will be in charge of collecting data on a regular basis in order to monitor the main indicators of the project. A contract will be signed with a private entity with the objective of establishing baseline and expected quantitative outcomes for the project and establish the final design of the monitoring system.

## 10. Obstacles/Constraints

**10.1 Obstacles** (An obstacle is anything that slows down or impedes the progress of the project's commencement or continuation. Examples include approvals needed, lack of supply chain capacity, lack of funds, etc.)

Bottleneck	Organization/person that could address the bottleneck	Specific requests to IHRC in addressing the bottleneck
15. Other	Description: Insufficient management of human resources and low level of human resources in the Ministry of agriculture  Potential to address: - OMRH (Prime Minister Office) - Ministry of Agriculture - Ministry of Finance	- Prioritize project that contribute with public administration strengthening - Identify funds for long term technical assistance in the strategic line ministries

## 11. Notes and Attachments

11.1 Notes / Comments

11.2 Uploaded Documents

11.3 Uploaded Photos

## 12. Project History

### 12.1 User Activity Log

	Name	Organization	Date/Time	Username
<b>Modified</b>	Eve Bugler	Inter-American Development Bank (IDB)	16-Sep-2010 14:51	eveb@iadb.org
<b>Modified</b>	Eve Bugler	Inter-American Development Bank (IDB)	16-Sep-2010 14:37	eveb@iadb.org
<b>Created</b>	Eve Bugler	Inter-American Development Bank (IDB)	16-Sep-2010 13:34	eveb@iadb.org

### 12.2 Project State Log

State	Action	IHRC Comment	Organization	Action Date
Under Submission	Submit to Approval		Inter-American Development Bank (IDB)	16-Sep-2010, 14:50