

# BLUEPRINT

For achieving  
Environmentally Sustainable Economic Growth (ESEG)  
in the greater area Miches, Province of El Seibo, Dominican Republic



A Model for Managing the Dominican Republic's Natural Assets Portfolio

D.R. - MDG 7 Initiative  
2006

## D.R. – MDG 7

Dominican  
Republic

Millennium  
Development  
Goal 7

Initiative

# History



Launch U.N. MP - MDG 7 TF Report



Cooperation Agreement (Jan. 2006)



International Technical Cooperation  
Agreement (June 2006)



Private Sector Meeting (Dec. 2006)





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# Overall Goal

	Wealthy	Poor
Ours	<b>X</b> (Goal)	<b>X</b> (Current Position)
Theirs		<b>X</b> (No man's land)



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# Portfolio of Assets: Capital

1. Natural
2. Produced (Built)
3. Human





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# Blueprint Content

	Natural			
COPDES	SEMARN	CU	STP	PRIVATE
Built & Human				

1. **What (Priorities)**
2. **Where**
3. **Why, How, When**
  - a) Cross-Coordination
  - b) Execution
  - c) Staging / Timing
4. **Who**
  - a) Multiple Actors



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Ridge
Rivers
Lagoons
Mangroves
Plants
Beaches
Coral Reefs

# What?

## 1. Natural

- a) SEMARN
- b) Columbia University (CU)

## 2. Produced (Built)

- a) Government
- b) CU (Engineering, Urban Planning, etc.)
- c) INTEC (Engineering, EQUIS, etc.)
- d) Private Sector

## 3. Human

- a) COPDES, First Lady's Office, Government (Social Campaign: Riparian Boundary, Eliminate Inputs [i.e. fertilizer & human wastes])



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# What?: 1. Natural

Ridge

**1. Restore Watershed Forests**

Rivers

**2. Develop Riparian Boundaries**

- a) Filter to reduce inputs (i.e. fertilizer & human wastes)
- b) Cash transfers to agriculture sector to plant trees within riparian boundary (i.e. Jatropha, etc. for Bio-Fuels)

Lagoons

**3. Reclaim Lagoons**

- a) Lagoon-Restoration Ecologists (CU & SEMARN)

Beaches

**4. Beach Restoration**

Coral Reefs

**5. Coral Reefs**

**OVERALL  
Biodiversity  
STUDY**

**6. Biodiversity**



COPDES



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DE MEDIO AMBIENTE  
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## Restore Watershed Forests





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## Restore Watershed Forests





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## Develop Riparian Boundaries





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# Reclaim Lagoons





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## Reclaim Lagoons





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## Reclaim Lagoons



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# Natural

## QUICK WIN

### Reclaim Lagoons

a) Find Lagoon-Restoration Ecologists at CU & SEMARN





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# What?: 2. Produced (Built)

1. Roads / Highways

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2. Housing

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## 3. Public Services

- a) Health
  - b) Education
  - c) Electric
  - d) **Water Provision**
  - e) **Waste Management**
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4. Farming

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5. Tourism

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6. Communications

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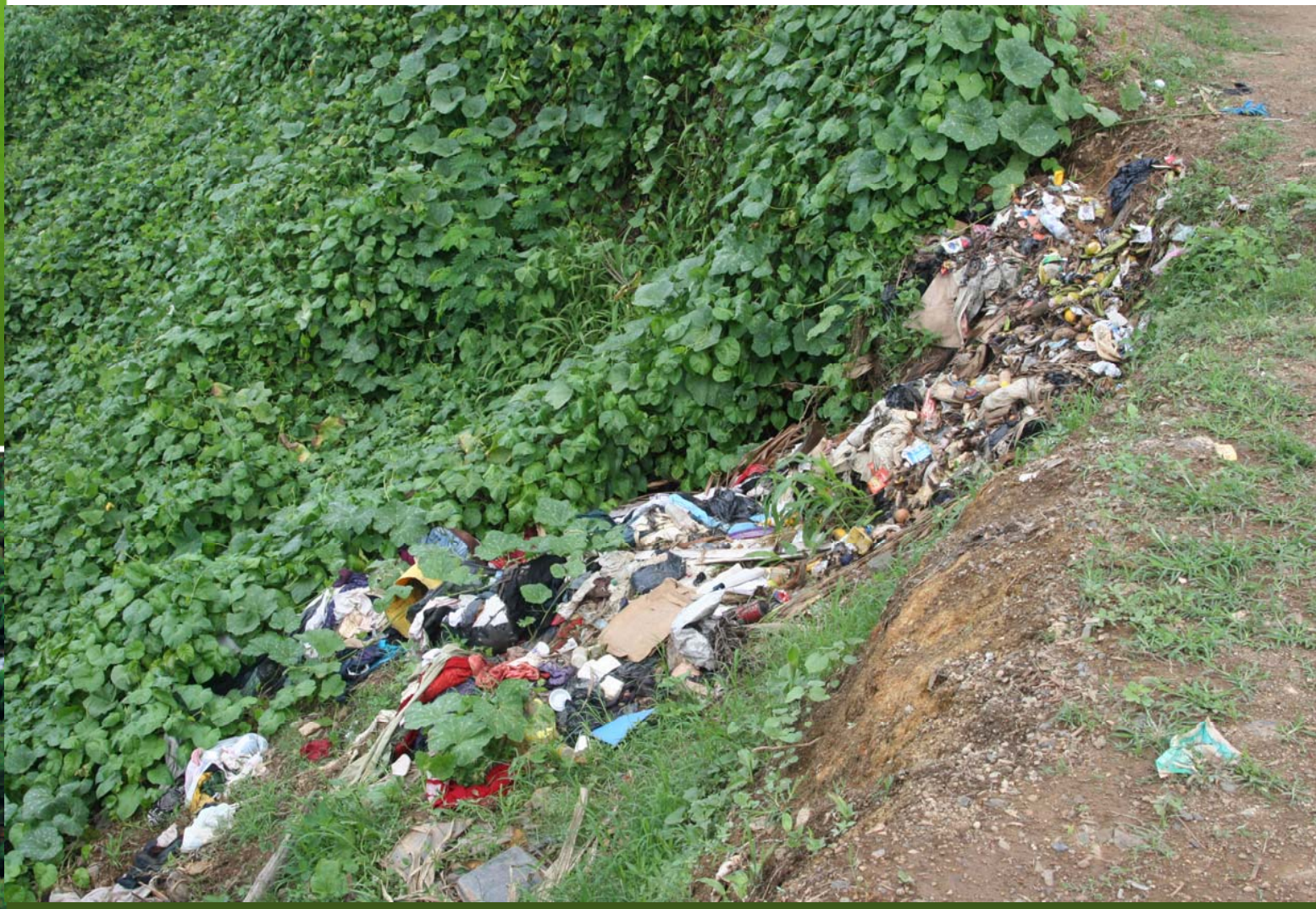
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# Waste Management





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# Waste Management



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# Waste Management





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# Waste Management





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## Waste Management



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# Waste Management



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# Produced (Built)

## QUICK WIN

### Public Services

a) Launch of Major Engineering Design Exercise





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# What?: 3. Human

## 1. Capacity Development

- a) Education – Primary & Secondary
- b) Training – Industry Specific
- c) Languages (English, French, German)
- d) SME Advisory
- e) ICT
- f) Hotel
- g) Services (Public & Private)
- h) Technical / Vocational

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## 2. Social Campaign

- a) Environmental Sustainability

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## 3. Living Conditions

- a) Values (Family, Community, etc.)





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## Social Campaign



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## Social Campaign





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# Human

## QUICK WIN

### Social Campaign

- a) Meeting with First Lady's Office to establish a Social Campaign in order to sensitize the community regarding ESEG and the key actions including Riparian Boundary, Eliminating Inputs [i.e. fertilizer & human wastes] etc.



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## Natural Beauty of Miches: Cucuyo Falls





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## Natural Beauty of Miches: Playa Limon



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## Natural Beauty of Miches: Punta Limon





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## Natural Beauty of Miches





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## Natural Beauty of Miches: Round Mountain



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# QUICK WINS

Overall

1. **Baseline Assessment** (2007 – 0000):  
Natural, Built, Human (& Biodiversity)
2. **Micro-Finance Bank & SME Advisory**

Natural

3. **Find Lagoon-Restoration Ecologists**

Built

4. **Launch of Major Engineering Design Exercise**

Human

5. **Social Campaign**



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# ESEG Legal & Regulatory Dynamic in the D.R.

**Santo Domingo**  
(Legal Institutions in the Capital)

**Punta Cana**  
(Learning from  
Mistakes made)

**Miches**  
(Adapting to what is  
**NEEDED**  
To Achieve ESEG)





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