

Review & Update of World Bank's
Environmental & Social Safeguard Policies
Phase 3 Consultation Meetings

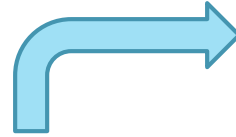
**Saint Lucia Disaster Vulnerability Reduction Project
(DVRP) - Friday Nov 6th**

Nov. 2015

Case Studies: Marchand Riverbank rehabilitation & Venus Anse La Raye Road

1. What are the new requirements?
2. Change in Scope?
3. Change in effort or expertise?
4. Added Value?

From Safeguards to E&S Standards



SAFEGUARDS POLICY	ST LUCIA DVRP
4.01 ENVIRONMENTAL ASSESSMENT	✓
4.04 NATURAL HABITATS	✓
4.36 FORESTS	
4.09 PEST MANAGEMENT	
4.11 PHYSICAL CULTURAL RESOURCES	✓
4.37 SAFETY OF DAMS	
7.50 PROJECTS ON INTERNATIONAL WATERWAYS	
7.60 PROJECTS IN DISPUTED AREAS	
4.12 INVOLUNTARY RESETTLEMENT	✓
4.10 INDIGENOUS PEOPLES	

ESS STANDARD	SAINT LUCIA DVRP
ESS1: Assessment and Management of ESS Risks and Impacts	✓
ESS2: Labor and working conditions	✓
ESS3: Resource Efficiency and Pollution Prevention	
ESS4: Community Health and Safety	✓
ESS5: Land Acquisition, Restrictions on Land Use and Involuntary Resettlement	✓
ESS6: Biodiversity Conservation and Sustainable Management of Living Natural Resources	✓
ESS7: Indigenous Peoples	
ESS8: Cultural Heritage	✓
ESS9: Financial Intermediaries	✓
ESS10: Information Disclosure and Stakeholder Engagement	✓

From Safeguards to Standards

Standard	Building on	Modernizing
ESS1: Assessment and Management of ESS Risks and Impacts	OP/BP4.01(Environmental Assessment)	Non-discrimination, adaptive management, time frame for compliance
ESS2: Labor and working conditions	OP/BP4.01 and EHS Guidelines	Prohibiting child labor and forced labor, focus on OHS, grievance mechanism
ESS3: Resource Efficiency and Pollution Prevention	OP4.09 (Pest Management) and EHS Guidelines	Efficient management of energy, water, and other resources and materials
ESS4: Community Health and Safety	OP/BP4.37 (Safety of Dams) and EHS Guidelines	Focus on risks and impacts on communities through design and safety of infrastructure, equipment, products, services, traffic, and hazardous materials
ESS5: Land Acquisition, Restrictions on Land Use and Involuntary Resettlement	OP/BP4.12 (Involuntary Resettlement)	Greater clarity on treatment of state land, land titling, access to common resources, voluntary transactions, force evictions
ESS6: Biodiversity Conservation and Sustainable Management of Living Natural Resources	OP/BP4.04 (Natural Habitats) and OP/BP4.36 (Forests)	Requirement to assess and mitigate impacts on biodiversity
ESS7: Indigenous Peoples	OP/BP4.10 (Indigenous Peoples)	Clearer definitions, introduction of FPIC in specified circumstances
ESS8: Cultural Heritage	OP/BP4.11 (Physical Cultural Resources)	Adopt chance find procedure, enhanced consultation with affected communities
ESS9: Financial Intermediaries	OP/BP 4.01	Establish E&S procedures commensurate with FI nature, risk level and impact
ESS10: Information Disclosure and Stakeholder Engagement	Consolidates WB engagement provisions	Meaningful consultation, access to information and grievance redress

Case Study: Marchand Riverbank rehabilitation



Google Earth imagery showing the extents of the project (taken from design report)

Project Scope:

- River defense project
- 800 meters

Context

- Densely populated,
- Highly urbanized
- Poor drainage
- Flooding of adjacent lands
- Threat to livelihoods, personal property
- Pockets of crime





Issues

- Lack of wall maintenance
- Vegetation growth on walls
- Sedimentation along the riverbeds.
- River Wall → undermined → erosion of the river bed





Marchand River

Social Aspects:

- **Single access point to work site**
- **Densely populated**
- **Involuntary Resettlement**
 - **Land acquisition? Assets?**
 - **Several landowners (State, private, schools, legal, illegal?)**
 - **Physical displacement (permanent, temporary)**
 - **Livelihoods impacted?**
- **Security issues?**
- **Stakeholder Engagement**
- **GRM**
- **Employment? Local Businesses?**
- **Reduced Vulnerability**

▶ Environmental Aspects:

- **Design storm**
- **Traffic safety**
- **Worker health and safety**
- **Erosion control**
- **Debris in river**

Operational Implications of Proposed Framework: Disaster Vulnerability Reduction Project

Borrower: overall low incremental change in scope of work and resources; decreasing marginal costs as capacity increases

Bank: similar low incremental change

Environmental and Social Standard	Prospective Change in Resources
ESS 1: Assessment and Management of Environmental and Social Risks and Impacts	Low
ESS 2: Labor and Working Conditions	Moderate to Substantial
ESS 3: Resource Efficiency and Pollution Prevention and Management	Low
ESS 4: Community Health and Safety	Low
ESS 5: Land Acquisition, Restrictions on Land Use and Involuntary Resettlement	Low
ESS 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources	No change
ESS 7: Indigenous Peoples	No change
ESS 8: Cultural Heritage	No change
ESS 9: Financial Intermediaries	No change
ESS 10: Stakeholder Engagement and Information Disclosure	Moderate