











Managing Adaptation

- □ Challenges of managing climate change adaptation
 - □ Metrics less clear than mitigation (i.e. CO2e)
 - Dealing with uncertainty
 - Many problems likely incremental, long-term
 - Responsibilities cut across many ministries, organizations
- □ At the national level, it requires consideration of:
 - activities that can exacerbate climate change impacts
 - activities that can build resilience
 - $\ \square$ ecosystem services and populations impacted by climate change
 - measuring and projecting impacts
- □ Mainstreaming: Africa Adaptation Programme

Relevant Ministries

- Prime Minister's Office
- □ Environment & Sustainable Development
- □ Finance & Economic Development
- □ Foreign Affairs, Regional Integration & International
- Fisheries and Rodrigues
- Energy and Public Utilities
- Agro Industry and Food Security

- Tertiary Education, Science Research and Technology
- Education and Human Services
- Local Government & Outer Islands
- Tourism and Leisure
- Housing and Lands
- Public Infrastructure, National Development Unit, Land Transport & Shipping

Research Methodology

- □ Research laws, policies, reports, etc related to adaptation
 - www.gov.mu/portal/sites/legaldb/index.htm
- □ 12 Interviews With Key Stakeholders
 - United Nations Development Program
 - □ University of Mauritius
 - Mauritius Meteorological Services
 - Mauritian Wildlife Foundation, International Organization for Migration, and other NGOs
 - Government consultants on budget and climate change
- □ Next Step... complete interviews, compare against other countries

ARIA Tool

- □ Adaptation Rapid Institutional Analysis (ARIA) tool, developed by World Resources Institute (pilot phase)
- □ Five Categories of Analysis
 - Vulnerability and Impacts Assessment
 - Long-term Planning and Prioritization
 - □ Coordination
 - Information Management (Gathering, Analysis, Dissemination)
 - □ Climate Risk Reduction
- □ Examined for comprehensiveness, transparency & participation, institutional capacity, and accountability

Assessment: Preliminary Findings

- □ National vulnerability and impacts assessment
 - Top-down exercise not really coordinated with community-based assessments
 - Socioeconomic data beginning to get incorporated
 - □ Broad set of stakeholders engaged
 - □ Respondents: skills and time the main issue, not budget
- □ No comprehensive inventory of adaptation activities
- Assessments generally publicly available

Prioritization/Planning: Preliminary Findings

- □ No documented decision of adaptation priorities
- □ No systematic approach to prioritization
- □ Transparency: government funds and priorities
- □ Skills: Project management, adaptation knowledge necessary
- Programme-Based Budgeting
 - □ 3-year planning framework
 - □ Links public funds to outputs and outcomes

Coordination: Preliminary Findings

- Primary coordinating body: Climate Change Adaptation Unit in Ministry of Environment's Climate Change Office
- Government structure requires champion in Prime Minister's office and Finance Ministry
- Appears to be broad stakeholder engagement across
 Government, but not with public and civil society
- □ A lot of committees, but few coordinated activities
- □ Good coordination internationally
- □ Stakeholders avoid stepping on toes, raising hands

Information Mgmt: Preliminary Findings

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- Climate data undergoes international peer review
- Analysis
 - Budget not an issue in developing 2nd National Communication
 - UNFCCC climate modeling recommendations used
 - Need skills for downscaling and projecting localized effects, incorporating socioeconomic data
 - □ Data exists, but not enough analysis
- □ Information Dissemination
 - Agricultural Research Extension Unit (AREU) SMS system for farmer outreach
 - □ System for notifying fishers of bad weather
 - How to better engage general public?

Climate Risk Reduction

Conclusion, Discussion Questions

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- How to incorporate adaptation into existing funds (e.g. Maurice lle Durable Fund, Tourism Fund) or new adaptation fund?
- □ How to get the most out of Environmental Impact Assessments?
- □ How do engage and sensitize public on climate change?
- $\hfill\Box$ How do you better train government officials on adaptation?
- How to improve standards or procedures for strategy or project development?
- How to integrate top-down and bottom-up assessments & project implementation?
- □ What's the best model for coordination across key institutions?

Thank You!

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www.youtube.com/watch?v=OQli7HJdnU8 www.wri.org/project/vulnerability-and-adaptation http://us.fulbrightonline.org/program_country.html?id=69

Mainstreaming Adaptation Diagram

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