Integrating Climate Resilience into LEDS



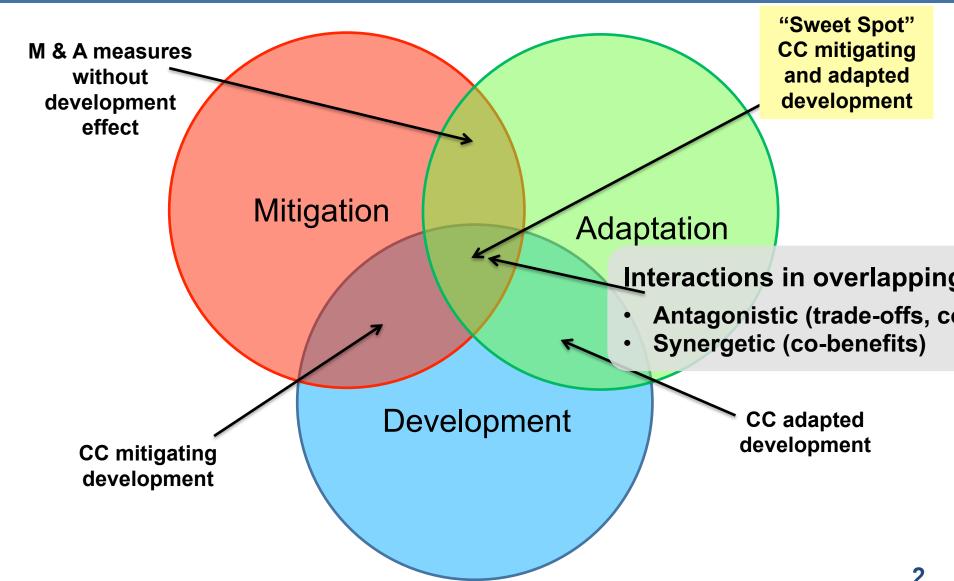


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I. Interactions between Mitigation and Adaptation in a Climate Change compatible Development



Climate Compatible Development Context: Moving Away from the Status Quo

Long-Term, Socially Inclusive Economic Growth

Address Major Environmental Problems

Growth

Social Equity

Resilience



Air Pollution

Water Stress

Biodiversity Loss

Global Warming

Low Emissions Climate Resilient Development





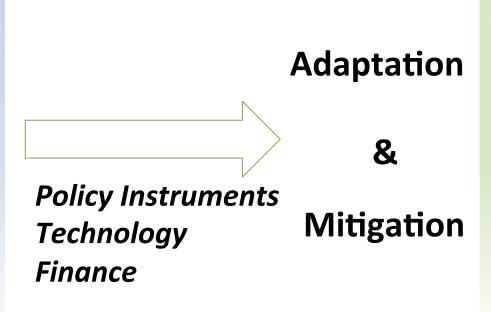
II. Integrating Climate Resilience into LED

- 1. Establish National/ Sub-National Climate Action Plans with clear mitigation and adaptation targets
- 2. Identify Programs and Projects that maximize Synergies
- 3. Mainstream proposed Climate Actions



II.1. Establish National/Sub-National Climate Action Plans with clear Mitigation and Adaptation Targets

Climate Policy
Portfolio
(National or
Subnational)



Can reduce current and future costs of CC

Can reduce future costs of CC

Challenge: Communication between different actors at national/sub national/civil society is key but can be a challenge.

Adaptation and Mitigation Strategies are often part of the same "Policy Package", but risk to "separate" during implementation



II.2. Identify Programs and Projects that maximize Synergies: Sweet Spot (big win) Opportunities in Kenya



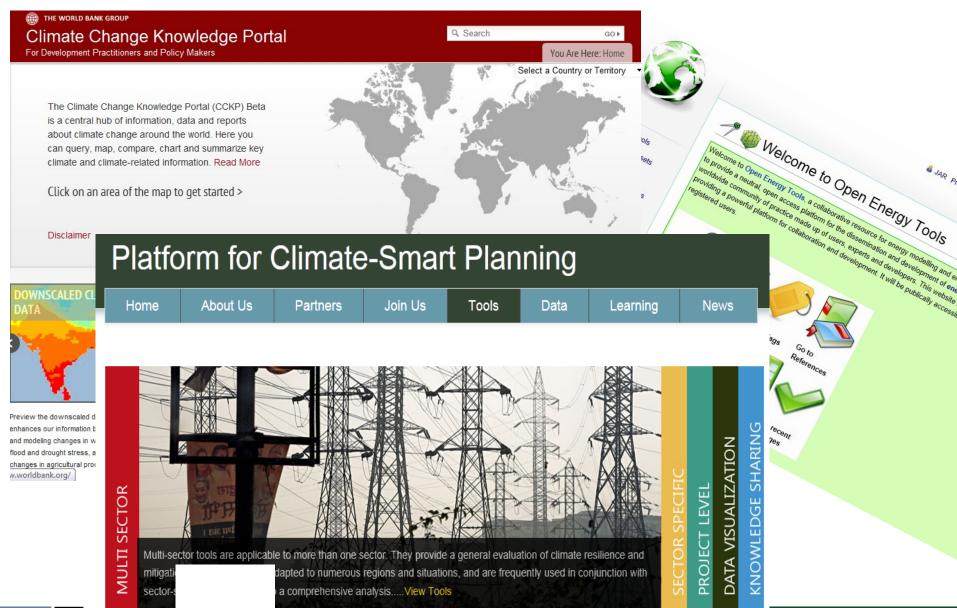
National Climate Change Action Plan 2013-2017

- 1. Geothermal power generation
- 2. Distributed clean energy solutions
- 3. Improved water resource management
- 4. Restoration of forests on degraded lands
- 5. Climate smart agriculture and agroforestry
- 6. Infrastructure

Capture over 2/3 of the mitigation potential identified in NCCAP!!

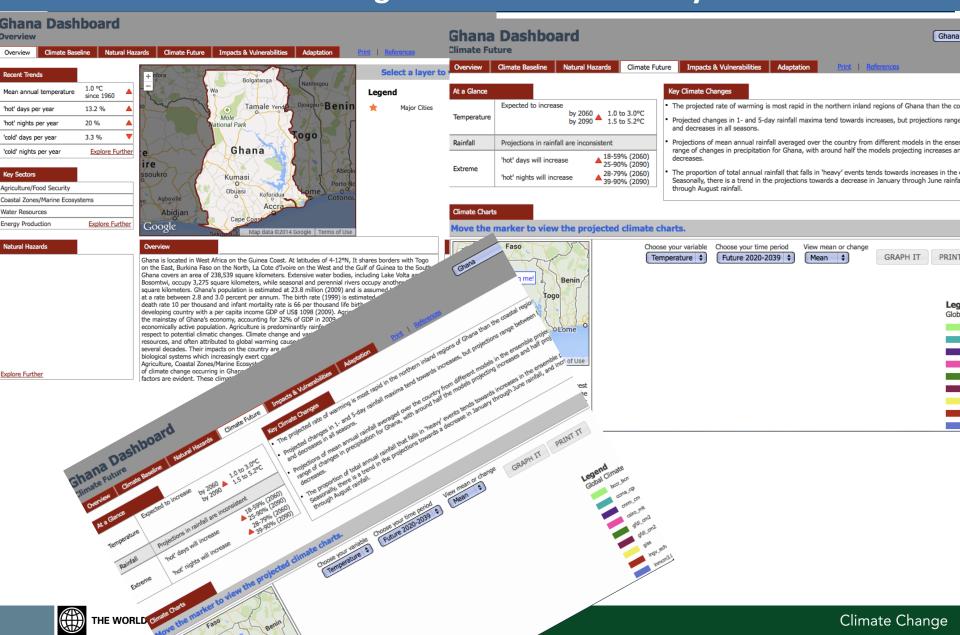


II.2. Identify Programs and Projects that maximize Synergies: Tools: Using & combining platforms for developing better solutions



Climate Change

II.2. Identify Programs and Projects that maximize Synergies: Screening Tools for Vulnerability



II.3. Mainstream proposed Climate Actions

- Mainstream NCCAP into National Medium Term Plans (e.g. 5 years plans) = opportunity to incorporate CC activities into sectoral national development plans. Example: Mexico.
- Set-up an Institutional Framework for Climate Governance,
 e.g. National CC Council and National CC Secretariat
- Coordinate high-level National CC Policy (Cabinet of Prime Minister, leading Ministry)
- Adjust the National/Sub-National Legislative Framework
- Provide for sufficient Budgeting based on estimated costs of CC related activities



III. Opportunities of Activities that maximize Mitigation & Adaptation Synergies

Building Sector (Energy Efficiency & Stability)

Mitigation Activity Mitigation Potential	Resilience Synergies	Resilience Trade-Offs
Integrate commercial - residential buildings <i>Medium potential</i>	Savings in time, cost and risk of commuter traffic	Prevention measures against noise and pollution

Landscape Sector (Agriculture & Forestry)

Mitigation Activity Mitigation Potential	Resilience Synergies	Resilience Trade-Offs
Conservation agriculture / agroforestry Medium ER & ES potential	Stabilized, higher productive soil, increased income, improved food security under climate stress, diversified products (e.g. wood)	None known





Landscape: Mitigation & Adaptation Synergy-maximizing Programs



Ethiopia - Humbo Forest
Regeneration Project
resulted in increased
production of wood and tree
products, such as honey and
fruit, which contribute to
household budgets.



Agricultural Carbon
Project for
Smallholder Farmers
in Kenya,
participatory
approaches leading
to increased farm
productivity in 45,000
hectares engaging
60,000 farmers.

