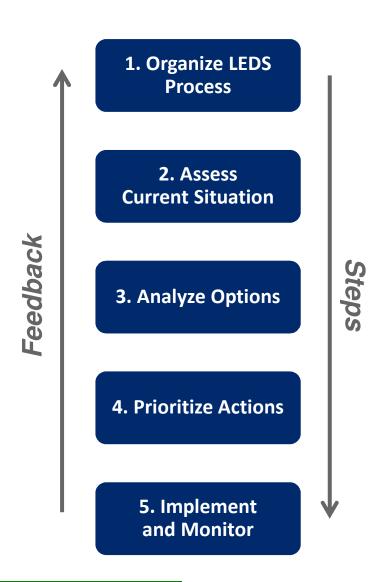
Implementation of LEDS

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MENA Regional Seminar on "Low Emissions Development Strategies" April, 2015, Marrakech, Morocco



- Each step serves as foundation for next
- Feedback loops make LEDS process iterative

1. Organize LEDS Process

2. Assess
Current Situation

3. Analyze Options

4. Prioritize Actions

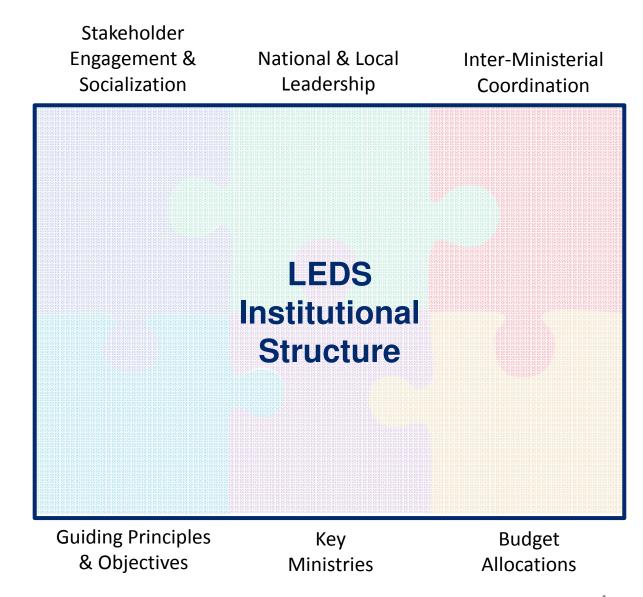
- Stakeholder buy-in and engagement
- Institutional and governing structures
- Work plan for LEDS development

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Key observations and considerations relating to institutions and governance structures:

- Links between climate change planning and economic development planning
- No one-size-fits-all governing structure
- Changes in leadership impact momentum
- The following are crucial:
 - Inter-ministerial cooperation
 - Leadership at all levels of government
 - A multi-stakeholder LEDS task force

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- Current climate, energy and economic development plans, policies, and programs
- Alignment with development goals
- Availability of economic and GHG emissions inventory data
- Strengths and weaknesses of existing local capacity
- Donor efforts

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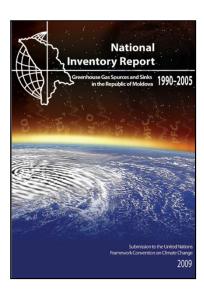
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GHG inventories assessment

- Year of most recent GHG inventory?
- What needs to be improved?
 - Additional data previously missing
 - Quality of data
 - Country-specific emissions factors
 - Data standardization and sharing



What additional capacity is needed?

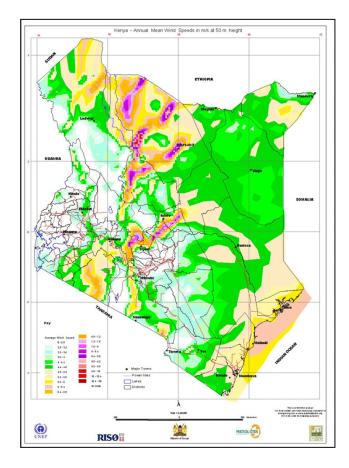
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Renewable resources assessment



Wind map of Kenya. Source: Solar and Wind Energy Resource Assessment (SWERA).

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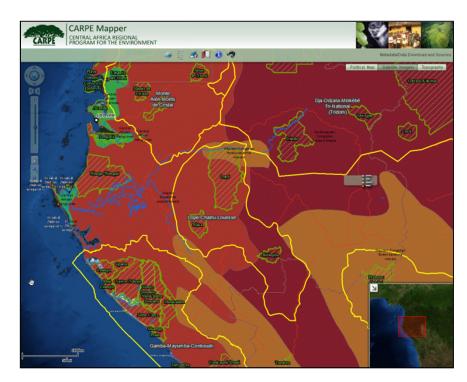
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Forestry and land-use sectors assessment



Forest mapping, Congo Basin. Source: Central Africa Regional Program for the Environment (CARPE).

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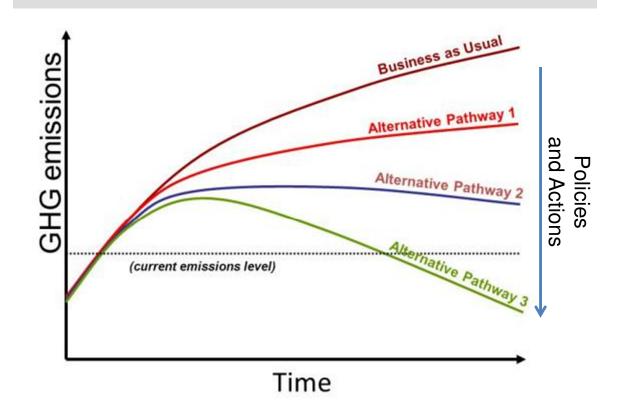
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Economic and GHG emission models are tools for forecasting and analysis. Models aid in making better-informed, data-driven decisions amongst different low emission scenarios.



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- What are the costs and benefits of low carbon development relative to business-as-usual?
- How do the costs of interventions compare across sectors and over time?
- What are the lifetime GHG mitigation potentials of interventions across sectors?
- What are the co-benefits of LEDS?

<u>Example</u>: Economic and environmental implications of electric vehicles vs. biofuels?

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 - 5. Implement and Monitor

- The process of prioritizing actions and policies
- The development of detailed implementation plans
 - Assignment of institutional responsibilities
 - Financing and budgeting plans, including private finance and investment
 - Performance monitoring plans

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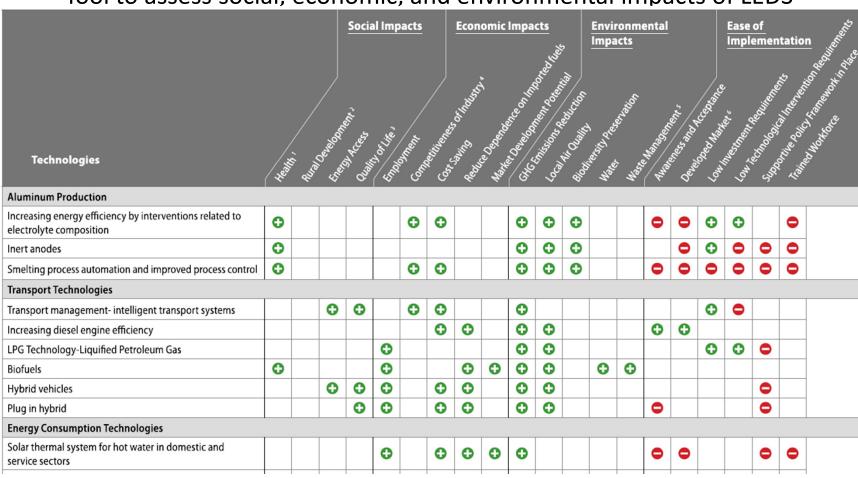
5. Implement and Monitor

Sample prioritization criteria:

- Cost and benefits, cost effectiveness
- •GHG mitigation potential
- •Barriers to implementation, such as political feasibility
- Social, cultural, and economic impacts/benefits
- "No regrets" actions/policies
- Capacity for implementation
- Consistency with donor assistance

development Impacts of LEDS

Tool to assess social, economic, and environmental impacts of LEDS





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- Secure finance
- Implement actions and policies



Components of LEDS

1. Organize LEDS Process

2. Assess
Current Situation

- 1. National development goals and objectives
- 2. National GHG inventory and economic data
- 3. Macro-level assessments of threats to economic development

3. Analyze Options

4. Long-term business-as-usual economic and emissions pathway and alternative low emission scenarios

4. Prioritize Actions

5. Prioritized actions

- 6. Implementation and financing plans
- 7. Monitoring, reporting and verification plans