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# **USAID Support for Strategic Energy Planning and Low Emissions Development Strategies (LEDS)**

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# Low Emissions Development and the UNFCCC



“A low emission development strategy is indispensable for sustainable development”

- Copenhagen Accord, December 2009



“Encourages developing countries to develop low carbon development strategies or plans in the context of sustainable development...”

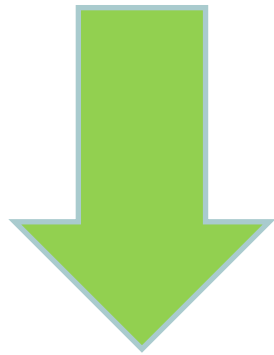
- Cancun Agreements, December 2010



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# MARKAL/TIMES

## A Central Planning Tool for LEDS



### Top-Down

- Macro-level models
- Possible strategic development approaches
- Framework for valuing and prioritizing actions and investments



### Bottom-Up

- Sector and technical modeling
- Possible activities to promote sustainable development



### What is a LEDS? No one-size-fits-all

- An outline of **national development goals**
- A summary of **economic data and an inventory of national GHG emissions**
- Assessments of development threats, including **climate change impacts**, security, etc.
- A **long-term projection of business-as-usual** economic growth and GHG emissions, identified development “pathways”, and whole-of-economy and/or sector-specific goals
- A **prioritized portfolio of alternative actions and policies** that improve economic growth, respond to vulnerabilities, and lower the long-term emissions trajectory
- **Implementation and financing plans** for high-priority actions (linked to country budgets) and monitoring to measureable progress in implementing actions

A low emission development strategy (LEDS) is unique to each country's development goals and circumstances. A LEDS is a country-owned national-level framework or strategy that achieves a country's development and economic growth objectives while, at the same time, seeking to reduce the growth rate of greenhouse gas emissions over the longer term.



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# USAID Europe & Eurasia Regional Enhancing Capacity LEDS Program

- Build on **Strategic Energy Planning** modeling work
- Support for **LEDS Development** or **Existing LEDS Implementation** in four target countries within the Energy Community: Albania, Macedonia, Serbia and Moldova

## **Support for LEDS at the regional level building on existing Energy Community framework**

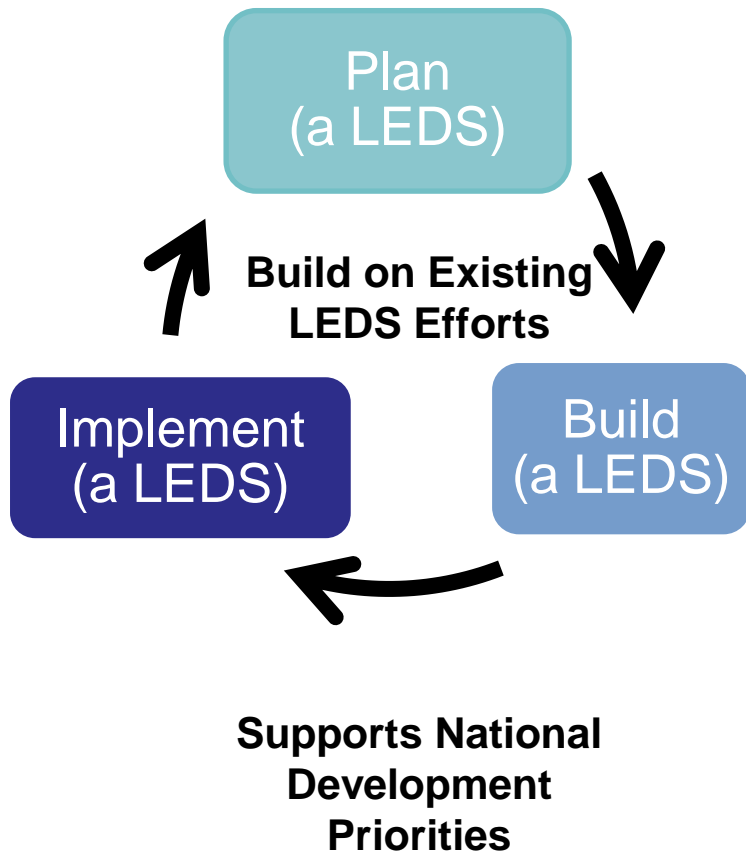
- Modeling support for new **Energy Community Regional Energy Strategy Task Force**
- Promote **Regional Transmission Planning** for integrating renewables and strengthening regional electricity markets
- Work with **Energy Community Regulatory Boards (ECRB)** in harmonizing regulatory framework for clean energy and market monitoring



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# Potential Areas for LEDS Collaboration

## LEDS “Stages”



### 1. Enhance capacity to build a LEDS

- Build national capacity to implement LEDS analytical framework and assess the real costs and barriers to low carbon development and investment
- Establish and strengthen capacity to develop national GHG Emissions Inventories and measure, report and verify (MRV) emission reductions
- Support economic data collection and delivery

### 2. Support LEDS implementation

- Assist with policy development and harmonization of regulatory framework
- Build capacity to implement RE and EE action plans
- Promote EE initiatives for low income residents
- Help develop accreditation - certification schemes for EE and GHG MRV

### 3. Develop shared knowledge on LEDS within Energy Community and Globally



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# Next Steps

- **Assessment of Regional Needs & Opportunities** with focus on Albania, Macedonia, Serbia and Moldova. Consultations with:
  - Relevant Ministries (e.g., Economy, Environment, Development, etc.),
  - Inter-Ministerial Working Groups on Climate Change
  - Private Sector and Civil Society
- **Develop Coordinated Approach and Strategy** with participating countries
- **Confirmation of Interest** and development of national LEDS work plans with host country government partners



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# Thank You

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