



AFRICA LEDS
Partnership

Africa AFOLU Community of Practice Webinar

**International Jobs and Economic
Development Impacts Assessment:
Adapting I-JEDI for AFOLU**

June 28, 2018

Agenda and Speakers

- Welcome and Kick-off – Tim Reber, NREL (that's me!)
- Adapting the International Jobs and Economic Development Impacts (I-JEDI) Tool – David Keyser, NREL
- I-JEDI Experiences in Zambia – Professor Francis Yamba, CEEEZ
- Interactive Group Discussion

Logistical Items

- Please feel free to jump in with questions or thoughts at any time – this is meant to be interactive!
- Please mute your microphone when you aren't speaking.

Some Background on the AFOLU Community of Practice

- Launched in April 2018 as an interactive network of African institutions addressing technical and policy challenges and solutions in the AFOLU sector.
- Provides a platform to:
 - Facilitate peer-to-peer exchange and collaboration
 - Provide demand-driven technical assistance and training
 - Share best practices, tools, resources and case studies
 - Foster champion institutes to carry on the work of the CoP

Some Background on the AFOLU Community of Practice

Initial topical priorities on:

- agroforestry action as a driver of socioeconomic development and emission reductions
- linking agricultural production with sustainable energy sources
- analytical approaches to assess GHG emissions and socioeconomic impacts of LEDS actions
- translating analytical results to concrete policies and actions

Common theme: how can LEDS actions effectively support both socio-economic development and GHG reductions

The Africa LEDS Partnership in Action: The Africa LEDS Project

- Funder: European Commission
- Partners: UNEP, KNUST, LEDS GP, Africa LEDS Partnership, AFOLU CoP
- Objective 1: Lay the groundwork for successful LEDS and NDC implementation through support for:
 - (1) Stakeholder-driven LEDS planning processes to meet climate and socioeconomic goals
 - (2) LEDS modeling and analytical backing to inform LEDS decisions and investments
- Objective 2: Regional and pan-African peer-learning and sharing
- Partner Countries: Cameroon, Cote d'Ivoire, DRC, Ghana, Kenya, Morocco, Mozambique, Zambia



The Africa LEDS Partnership in Action: Remote Expert Assistance for LEDS (REAL)

No-cost, on-demand technical assistance and matchmaking service available to government representatives to assist in advancing climate resilient, low emission development strategies, policies and programs.



Over 90 experts
from 30+
institutions
around the world

The Africa LEDS Partnership in Action: Remote Expert Assistance for LEDS (REAL)

Who can access REAL?

- Government actors and representatives (national and local)
- Technical institutions, consultants and NGOs working directly with governments

How to access REAL?

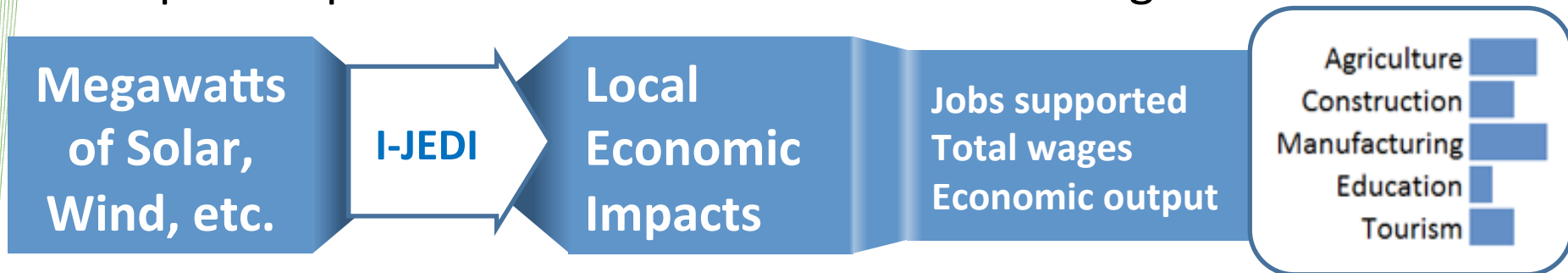
- Africa LEDS Partnership REAL - simbisai@southsouthnorth.org
- LEDS GP REAL - carishma.gokhale-welch@nrel.gov
- Visit online - ledsgp.org/assistance
- Connect to REAL via Working Groups and Communities of Practice

Socio-Economic Impact Analysis

- Development Goals provide the essential foundation for LEDS actions, thus assessing development impacts is critical
- The environmental and climate benefits of LEDS actions on their own are simply not enough...
- Jobs and economic growth are critical factors driving public support and political backing for LEDS investments
 - Policy- and decision-makers must be equipped with the best possible information available

The Jobs and Economic Development Impacts (JEDI) Tool

- User-friendly, excel-based tool based on simple macros
- Quantify the **job and economic impacts of investing in and operating energy projects (soon to include AFOLU as well!)**
- Developed first for U.S., later international version (I-JEDI)
- 16 Excel-based versions; default data for 5 countries and growing
- Input-output model based on social accounting matrix



Thank you!

...and now on to the fun part!

Discussion Questions (1)

- Can you share experiences from your country in doing similar types of assessments? What have been your experiences and lessons learned?
- Are there other tools or models that are already being used to evaluate the macroeconomic impacts of investments in the agriculture and forestry sectors?
- Do you see potential linkages between these existing models and IJEDI / LEAP?
- Are there specific types of AFOLU activities that would be of most interest to address through this modelling approach (e.g. agroforestry transition, CSA, crop/livestock rotations, irrigation techniques, crop drying and processing, etc.)

Discussion Questions (2)

- What do you see as the key challenges in using this type of model in your country (data collection, capacity building needs, etc.)?
- Is there interest receiving additional assistance in this area, for example through additional LEDS GP webinars or through REAL assistance? On what specific aspects?
- Is there interest in sharing data—particularly AFOLU costs and economic data—that could be used to help develop, calibrate and ground-truth the IJEDI model?
- What deeper dive topics related to AFOLU would be helpful for future CoP peer learning sessions, especially for the next session on clean energy for small scale agricultural production?