

LECB MONTHLY ROUND UP – APRIL 2015

PROGRAMME AND PROJECT HIGHLIGHTS

Pilot Project Community Meeting in Kenya Confirmed Support for New Technology



School that is equipped with improved cookstoves

In support of the innovative pilot project that distributes solar charged LED lanterns and improved cookstoves in households in off-grid areas of Samburu County, LECB-Kenya coordinated a Community Meeting on 14 April 2015 to discuss how the project was progressing, opportunities for scaling up the pilot project to a regional or national NAMA, and opportunities to investigate potential for greater local market expansion.

The Pilot

1000 units of lanterns and 1000 cookstoves were distributed to households to improve air quality, decrease smoke, provide space heat, improve fuel use efficiency, decrease time needed for gathering wood fuel, and to facilitate cottage industries in the house after dark and allow children to read and study.

The focus on assisting households with older schoolchildren was a key component of the pilot, and is reflected in regularly scheduled field monitoring. Primary schools in Ng'orika, Siambu, Loibor Ng'are, Lolkunono, Lkiloriti, and Ng'amata were selected, and their close involvement in the

UPCOMING LECB EVENTS:



Engaging the Private Sector to Contribute to Climate Change Mitigation
Regional Workshop for Asia
19-22 May 2015
Beijing, China



LECB Global Annual Meeting
16-19 September 2015
Costa Rica



Engaging the Private Sector to Contribute



Solar lanterns in use (Photos: James Vener)

pilot raised trust and credibility within the community.

Families interviewed during the Community Meeting emphasized older 3-stone stoves required significantly greater time for children and women to gather wood, the new green technology was easy to use, and mobile phone chargers that are included on the solar units saved much time for families to avoid going to the city for recharging. Stoves are manufactured locally and solar lanterns are distributed a private company in Nairobi with 2-year warranties, thus building industry and promoting local business.

To quantify the exact benefits, a field monitoring team has been hired (including local university students) to periodically survey pilot project beneficiaries and track progress.

To learn more about this initiative visit:

http://www.lowemissiondevelopment.org/docs/countries/Kenya/LECB_Poster_Kenya_GHG_Emission_Reductions.pdf

MRV Training in Zambia Drills Down into Sector-Specific Questions



The LECB-Zambia team recently coordinated a highly successful training workshop on MRV on in the coastal town of Siavonga from 8-10 April, just off Lake Kariba. Co-sponsored by the LECB Programme and The International Partnership on Mitigation and MRV, the workshop included 40 local participants and featured training on:

- (i) developing MRV-friendly institutional frameworks,
- (ii) mapping data flows and facilitating exchange of data in an MRV data system,
- (iii) developing sector-specific MRV action plans, and
- (iv) accurately, efficiently, and cost-effectively tracking GHG emissions and co-benefits.

The workshop included a keynote address from the Director of the Environment and Natural Resources with the Ministry of Lands, Natural Resources and Environmental Protection (MLNREP), Mr. Godwin Fishani GONDWE, and UNFCCC Focal Point and Principal Officer for Natural



Participants at the workshop in Siavonga
(Photos: James Vener)

Resource Management in the MLNREP, Mr. Richard Mfumu Lungu.

Throughout the workshop, the focus was on how best to develop MRV systems in the local context in the five Zambia focal point sectors: agriculture, hydropower, sustainable charcoal, transport, and waste.

In addition to presentations and discussions the workshop featured interactive exercises to strategize about and elaborate concrete MRV NAMA design scenarios. In one such exercise participants were divided into 5 sector-specific tables (about 8 persons per table) to cover each of the 5 target sectors: agriculture, hydropower, sustainable charcoal, transport, and waste – where they engaged in discussions regarding the importance of transparent MRV systems and sector-specific MRV action plans, among other topics.

The outputs from the workshop will lead very well to the next phase of advancing NAMA Concept Notes to final NAMA development In Zambia.

Private Sector Engagement Workshop in the Democratic Republic of Congo (DRC) (contributed by Dr. Trinto Mugangu)



On 24 March 2015 the LECB Project - DRC organized a one-day workshop to engage the private sector in low emission development strategies (LEDS). Sixty entrepreneurs, graduate students, NGOs, university professors, NAMA energy and agriculture practitioners participated in the workshop.

The objective of the workshop was to provide a forum for the private sector already involved in renewable energy, energy efficiency, organic agriculture and management & waste recycling to: (a) discuss ways to catalyze the creation of green jobs in DRC; (b) encourage graduate students to explore the creation of social enterprises – identifying barriers; (c) determine ways to lift those barriers; and (d) exchange experiences with seasoned entrepreneurs for the creation of social enterprises of the next generation.



Participants at the workshop in Kinshasa

As an outcome it was decided that there is the need for a paradigm change in DRC's socio-economic development, to shift progressively from fossil fuel towards renewable energy, and to create a standing platform to catalyze transformational change through an exchange of experiences on the creation of green jobs, coaching of the young social entrepreneurs and availing tools to catalyze profitable business creation.

An impact platform was created for Kinshasa as a permanent forum for young and seasoned entrepreneurs to exchange on low emission development, to provide coaching, mentorship, sponsorship, and to attract investments for bankable and profitable business projects.

For more information, please view the video interview on access to capital investment to create green enterprises: <http://youtu.be/YPusJPvqOm8>

Peer Exchange in the Lead-Up to Paris – the Global Workshop on Intended Nationally Determined Contributions



The Global Workshop on INDCs, held 14-17 April 2015, brought together over 100 government representatives, practitioners and international experts from around the world to Berlin to explore the design and preparation of INDCs in the lead up to the Paris Conference of Parties and the expectation of a new global climate agreement.

Day 1 provided participants with an overview of INDCs in the global climate change framework, focusing on their importance as a mechanism to report intended contributions and communicate ambition, followed by an overview of the UNDP/WRI Guidance Document on INDCs and presentations by countries that have already developed or submitted their INDCs to the UNFCCC Secretariat, including Mexico and the EU.



During **Day 2** participants dove deeper into technical themes, including examining INDCs in the context of national development priorities, covering the prioritization of sectors, quantification of emissions reductions in the context of INDCs, selecting reference points, assessing costs of mitigation actions, and assessing INDCs in the context of advancing national development, followed by a discussion of what further

Participants at the workshop in Berlin

resources are needed.

The first session of **Day 3** focused on the inclusion of Adaptation components in the INDC, before turning to MRV in the context of INDCs. Participants were introduced to results from a UNDP supported [study](#) by the NewClimate Institute which is assessing progress toward the 2°C Goal and Options for Revising INDCs to Enhance Ambition in the future.

Day 4 included a visit to the venerable Potsdam Institute for Climate Impact Research.

The workshop was a joint collaboration between the Low Emission Capacity Building (LECB) Programme and GIZ, with generous support from the German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) and the European Commission.

For more information including agenda, presentations and workshop report click [here](#).



RESOURCES

South-South Exchange on How the LECB Programme Has Contributed to Build Capacities on GHG Inventories



More than 100 members of the LECB Programme participated in an digital knowledge-sharing exchange on how best to build capacities for reporting on GHG emissions. Initiated by a request from **Tanzania** to share best practices, a few countries explained their approaches.

In the **Philippines** the government is keen to move from a consultant-based approach to an institutional approach for the GHG inventory preparation. In this context, under the LECB Project the country has conducted a series of trainings, targeted at those government agencies that will conduct the sectoral inventories going forward. Convinced of the importance of this effort, the national agencies have committed additional resources on top of the LECB sources for this process. Other activities supported by LECB were to have a legal instrument on the GHG inventory created and signed by the President; as well as the formulation of a Reference Manual on the GHG inventory customized for the

RECENTLY RELEASED:



The 2nd Edition of the NAMA Guidebook: **Manual for Practitioners Working with Mitigation Actions** was recently released by the Overseas Environmental Cooperation Center (OECC) with a section dedicated to the LECB Programme. The Guidebook provides from a practitioner's standpoint experiences from the country level on such areas relevant for NAMA development as NAMAs in the context of national planning, intended nationally determined contributions (INDC) and biennial update reports (BURs). The GSU's James Vener contributed an article

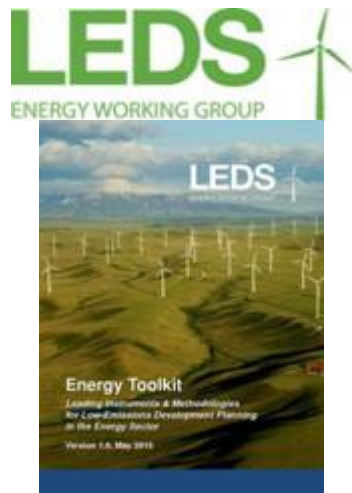
Philippines.

In **Uganda** the LECB project has provided support to activities including: The establishment of a GHG inventory office – which also prepared an MoU for the sharing of data - at the Climate Change Department in the Ministry of Water and Environment. Furthermore a GHG inventory manual was developed, followed by trainings of trainers for sector experts. Another component was a regional experience exchange that was systematically captured and best practices were adopted to the national circumstances. The Ugandan LECB project has also worked with the forestry sector, which has expertise in using Remote Sensing and Geographical Information Systems (GIS) that is useful for the generation of country specific data.

Discussion participants agreed the sharing of knowledge contributed to capacity building and appreciated learning from each other's activities.

providing a voice from LECB experiences, including LECB case study examples from **Costa Rica** and **Zambia**. The Guidebook can be downloaded from the website [here](#).

Energy Toolkit Available Now



Now available is the first version of the Energy Toolkit, a collection of leading instruments and methodologies for low-emission, climate-resilient development planning in the energy sector. It offers energy practitioners, policymakers, and experts a quick reference guide for well-established low-emissions development strategies planning tools that are available at no or low cost.

The result is a compilation of tools from different organizations and agencies around the world. Produced as a team effort with the many members of the Low-Emissions Development Strategies Global Partnership (LEDS GP), and in particular its Energy Working Group (LEDS EWG), the Worldwatch Institute cooperated with the working group's regional co-chairs to select and compile the tools presented in the Energy Toolkit. By no means is this collection complete.

It is planned to regularly update the toolkit. The Energy Toolkit can also be found here:

http://en.openei.org/w/index.php?title=File%3ALEADS_Energy_Toolkit.pdf

✉ lowemission@undp.org
🌐 www.lowemissiondevelopment.org
📁 <https://undp.unteamworks.org/node/212578>
📞 +1.212.906.6905

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For more information on the LEDSGP Energy Working Group, see: <http://en.openei.org/wiki/LEDSGP/sector/energy>

To contribute to future editions of the LECB Monthly Round Up please write to: lowemission@undp.org