



GROUP PHOTO OF PARTICIPANTS DURING THE GREEN BUILDING STANDARDS BOARD MEETING.

## Green Africa Foundation Board Meeting on Draft National Green Building Standards and 'GreenMark' Certification Tool

The Ministry of Environment and Natural Resources is implementing the Low Emission and Climate Resilient Development (LECRD) project with funding from USAID through UNDP. The LECRD project convened a process to support the Green Africa Foundation in the completion of the development of the National Green Building Standards and certification tool (GreenMark) through a participatory public-private partnership and in compliance with the Kenyan legal requirements.

To this end the project supported the Green Africa Foundation to hold an inception meeting on the draft National Green Building Standards in September 2016 that brought on board the technical committee comprising of key institutions to review the draft standards across the categories of; site and development, energy efficiency, material and resource efficiency, water efficiency, indoor environment quality, operation/maintenance innovation and management.

The outcome was the revision of the

draft across the seven categories, a review of the rating and certification tool while addressing market failures and major barriers. Some of the recommendations coming out of the meeting revolved around issues of enforcement of the standards, incentives on the green building material and supporting and incorporating innovations to enhance resource use efficiency.

The project is currently supporting the Green Africa Foundation board to hold its second meeting on 16th and 17th February 2017 with the following objectives;

*To have a detailed review the revised National Green Building standards categories*

*To review the GreenMark rating and Certification tool*

*To develop an institutional framework for the National standards and Certification scheme.*

At the end of the meeting the draft National Green Building Standards and certification tool should be finalized with an aim of moving towards a national validation to take in comments from the wider stakeholders. Further it is envisioned that the institutional framework will be well defined with the lead Government institution clearly identified and its role agreed upon.

## The Low Emission and Climate Resilient Development (LECRD) Project

### Newsletter Issue #2

February 2017

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1. Green Africa Foundation Board Meeting on Draft National Green Building Standards and 'GreenMark' Certification Tool
2. Short Course on Mainstreaming Climate Change Policy, Planning and Budgeting at National and County Levels
3. Capacity Development on Solar Water Heating and Solar PV for Technical Training Institutes (TTIs) Instructors on Installation, Maintenance and Repair

### About The Project

The LECRD Project is funded by USAID through UNDP, and implemented by The Ministry of Environment and Natural Resources; it aims to contribute to Kenya's overall goal in achieving transformative development, accelerating sustainable climate resilient economic growth while slowing down Greenhouse Gas emissions. The Project contributes towards the implementation of National Climate Change Action Plan (NCCAP 2013 – 2017), with the goal of enhancing low carbon resilient development in Kenya.

## Training Program on Climate Change Policy, Planning and Budgeting at National and County Level



### PARTICIPANTS DURING THE CLIMATE CHANGE TRAINING MANUAL REVIEW AND FINALIZATION WORKSHOP.

Kenya recently passed into law a climate change act that defines mainstreaming as 'the integration of climate change actions into decision making and implementation of functions by the sector ministries, state corporations and county governments.' The Climate Change Act 2016 obligates the national and county governments to mainstream climate change responses into development planning, decision making and implementation.

In response to this, the Ministry of Environment and Natural Resources Climate Change Directorate with support from the USAID supported Low Emission and Climate Resilient Development (LECRD) Project, the Kenya School of Government (KSG) and the Kenya Institute of Curriculum Development (KICD) designed and developed a short course to mainstream climate change into national and county policy, planning and budgetary processes. The course will be offered through the Kenya School Government to county and national government officials. The curriculum development process began with a wide range of stakeholder engagements with climate change, policy, finance and communication experts drawn from the Kenya School of Government, Kenya Institute of Curriculum Development, Ministry of Devolution and Planning, National Treasury, University of Nairobi - Institute of Climate Change Adaptation, Kenya Metrological Department, National Youth Green Growth Secretariat, Care International and Ministry of Environment and Natural Resources among others. This approach allowed for rich exchange of knowledge, expertise and experience that resulted in a robust curriculum that will contribute to climate change mainstreaming processes at national and county levels.

The ten (10) day course will be structured in 4 modules namely; Introduction to Climate Change, Mainstreaming, Climate Change Financing and Budgeting, Climate Change Monitoring, Evaluation and Reporting. The course will equip the county and national officials with the requisite knowledge, skills and attitude to mainstream climate change in development planning, decision making and implementation in line with the Climate Change Act 2016 and to support the implementation of the National Climate Change Action Plan.

Based on the curriculum, a training manual has been developed through highly interactive knowledge sharing and peer review sessions and technical review with subject matter experts to ensure the development of a robust and comprehensive manual. A Training of Facilitators (TOF) is planned to train those who will deliver the training.

The Kenya School of Government will formally roll out the training programme with support from the LECRD project and will be conducted in 6 regional clusters to cover the 47 counties.

## LEARN MORE ABOUT THE LECRD PROJECT

### The Low Emission and Climate Resilient Development (LECRD) Project

Contributing Towards Enhancing Kenya's Low Emission and Climate Resilient Development

#### PROJECT OBJECTIVES

1. To strengthen capacity for low emission development in Kenya.
2. To build national and county institutions' capacity to better coordinate climate change activities and finances.
3. To enhance decision making for increased resilience to climate change impacts.
4. To promote climate smart technologies and business

#### KEY RESULT AREAS

1. National Climate Change Coordination Processes Strengthened
2. Access to Clean and Efficient Energy Systems Enhanced
3. A National Greenhouse Gas Inventory Established.
4. National and County Decision Making Tools for Climate Change Interventions Improved.
5. Climate Knowledge Management and Capacity Enhanced.
6. Impacts of Extreme Climate Events Minimized for Improved and Resilient Livelihoods.

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LECRD PROJECT NEWSLETTER

Stakeholder representation from the Central BBI County cluster during the climate finance workshop on climate expenditure budget review (CPBR) and budget codes in Lake Elementeita Lodge, Nakuru.

**Climate Finance Capacity Building Workshops**

The LECRD project in conjunction with the UNDP/DFID funded UN Joint Programme on Climate Change supported Climate Public Expenditure and Budget Review (CPBR) capacity building workshops participants understanding on key climate finance issues. Participants were sensitized on the draft climate finance policy and tracking climate finance through coding under the Integrated Financial Management - Information

**Low Emission and Climate Resilient Development (LECRD) Project**

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**ABOUT THE LECRD PROJECT**

**PROJECT OBJECTIVES**

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Submit your Email to [lecrdke@gmail.com](mailto:lecrdke@gmail.com) / [lecrd@government.go.ke](mailto:lecrd@government.go.ke)

## Capacity Development on Solar Water Heating and Solar PV for Technical Training Institutes (TTIs) Instructors on Installation, Maintenance and Repair

The gazzeted solar water heating regulations (2012) require that premises with hot water requirements exceeding 100 litres per day install and use solar heating systems to cater for at least 60% of the hot water requirements. While the objective of the regulation was to promote uptake of solar water heating uptake has been low. One of the challenges facing the sector has been the limited number of technicians/installers. The Low Emission and Climate Resilient Development Project has supported development of capacity for installation, maintenance and repair of solar photovoltaic and solar water heating systems. Beneficiaries of this support were ten (10) technical training institutes that were identified through a nation-wide survey undertaken by JKUAT. The institutions are: Nairobi TTI (Nairobi County); Kenya Industrial TI (Central Rift Region); Jeremiah Nyaga TTI (Upper Eastern Region); Michuki TTI (Central Region); Ramogi TTI (Nyanza Region); Sigalagala TTI (Western Region) North Eastern TTI (North Eastern Region); Kaiboi TTI (North Rift Region), and Mombasa TTI (Coast Region).

### Training of trainers

The project supported two training of trainers that were coordinated and implemented by the Institute of Energy and Environmental Technologies of Jomo Kenyatta University of Agriculture and Technology (JKUAT).



Trainees during a site visit at Steel stone Ltd, Nairobi.

The trainings on the design, installation, and maintenance of solar photovoltaic (PV) was held in April, 2016 while that of solar water heating systems was held in solar photovoltaic (PV) training held and the solar water heating in September, 2016. A total of sixty (60) trainees participated in the trainings. The training was conducted via lectures, practical sessions and field visits.

The process was widely collaborative with trainers from various institutions participating; these include the National Industrial Training Authority (NITA), JKUAT, Energy Regulatory Commission (ERC) and Chloride Exide. The involvement of ERC and Chloride Exide in the training was commendable as the trainees got to learn from the first-hand experience of the private sector and the regulator. The trainees got an opportunity to visit Steel Stone Ltd, a local manufacturing plant, in which they learned about the various solar water heating systems that exist in the market.

### Sustainability

In order address sustainability with regards to building personnel capacity the project supported the development of a Solar Water Heating manual. This manual was prepared through a highly consultative process in which stakeholders from the Energy Regulatory Commission (ERC), National Industrial Training Authority (NITA), Academia and Private sector

In addition to the training manual, the project has equipped the 10 select Technical Training Institutes (TTIs) with training equipment. This equipment will facilitate the practical sessions. To mark the distribution of the equipment a flag-off event at the National Climate Change Resource Centre was held on 27th September, 2016 officiated by the Principal Secretary of Environment Mr. Charles Sunkuli. The event was also attended by principals from the ten select TTIs, representatives from USAID, UNDP, the Ministry of Environment, Kenya Meteorological Department (KMD), JKUAT, and Kenya Water Towers Agency (KWTA) amongst others.

The TTIs will develop short courses for both Solar PV and Solar Water Heating installation and repair. Currently six of the TTIs have developed solar PV training courses. These are Wote, Kenya Industrial, Jeremiah Nyaga, Sigalagala, Nairobi Technical and Ramogi Institute of Advanced Technology.

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