

Formulation of the Malawi NDE for Technology Development and Transfer under the UNFCCC

Presented at the

Regional Forum for National Designated
Entities under the Climate Technology
Centre and Network (CTCN), 24 - 26th
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Location of Malawi

- # Malawi is located in southeast Africa;
- # It is surrounded by Mozambique, Zambia, and Tanzania.

Location of Malawi Cont'd



Malawi's obligations under the UNFCCC

- # As a party to the (UNFCCC) and its Kyoto Protocol, Malawi has undertaken various measures towards fulfillment of specific obligations to ensuring environmental sustainability by enacting laws and policies and preparing some guiding principles which include:
 - Initial National Communication (INC);
 - Second National Communication (SNC),
 - the National Adaptation Programmes of Action (NAPA); and
 - The National Climate Change Investment Plan.

Important guiding principles for climate change activities

Highlight:

- Malawi's vulnerability to impacts of climate change in the key socio economic sectors; and
- Adaptation and mitigation measures to enhance communities resilience to the effects of CC

The National Climate Change Investment Plan

- # Identifies the four key priority areas to promote climate change management namely:
 - adaptation;
 - mitigation;
 - climate change research, technology development and transfer; and
 - capacity building

Climate Change Challenges in Malawi

Climate change impacts in the country are manifested in various forms including through:

- increases in short- and long-run temperatures;
- shifts in seasonal precipitation patterns, frequency and intensity;
- increases in extreme events such as severe storms, flooding, droughts and dry spells; and
- reductions in ecosystems ability to produce desired goods and services.

Prolonged dry spells and seasonal droughts



Intense rainfall



Setting up the Malawi NDE

- # Focal point for the UNFCCC in Malawi is Environmental Affairs Department;
- # Focal point called for Expressions of Interest through submission of a Technical Proposal Malawi's National Designated Entity (NDE) for Technology Development and the UNFCCC;
- # Focal point wanted to give all institutions in the country an equal opportunity to demonstrate their capacity to become Malawi's NDE

Setting up the Malawi NDE Cont'd

- # Several institutions including NCST applied;
- # NCST was finally nominated to serve as Malawi's NDE for technology development, diffusion and transfer under the UNFCCC;
- # Focal point informed CTCN;
- # CTCN welcomed us;
- # Focal Point issued a press release in the local papers introducing NCST as the NDE for Malawi (terms of Reference, roles and responsibilities clarified etc)

NCST

- # A lead institution in the advancement of science, technology and innovation for sustainable growth and development; and
- # With a Mission to promote, support, coordinate and regulate the development and application of science, technology and innovation in order to create wealth and improve the quality of life for the local masses.
- # NCST has capacity to reach and command to reach out to a number of stakeholders

Operation of the NDE

- # An internal NDE Coordination Team to manage activities of the NDE;
- # The Internal Coordination Team is comprised of heads of Divisions in the Research and Technology Transfer Department (5);
- # The coordination team is led by a Programmes Coordinator who reports directly to the Director General on matters concerning the NDE;
- # However, technical decisions for the implementation of the activities of NDE are guided by the heads of the technical committees of the Commission who represent a wider section of the sectors

Challenges with the operations of the NDE


- # Understanding on the roles and responsibilities;
- # Who will be responsible for the operational costs of the NDE;
- # Immediately the announcement was made in the papers, stakeholders already started making inquiries about how to prepare requests and in what areas;
- # To them, NCST has grants for such requests

Malawi CTCN request incubator programme

- # Application was made to access CTCN technical assistance services, and to further coordinate and scale-up activities related to climate technologies at national level;
- # The programme is tailored to country needs, based on specific context and priorities, and will train the National Designated Entities (NDEs) of interested countries.
- # Malawi's application was accepted and we are at a stage of finalizing the work plan for the Incubator Programme

Work plan for the Incubator Programme

- # The following major activities were planned in the order presented:
 - Workplan development;
 - Stakeholder mapping;
 - Outreach to stakeholders;
 - Review of National Policies;
 - Review of in-country national projects
- # Major challenge includes resources for the NDE to carry out such functions

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