



# CTCN: Enabling Technology Transfer

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CTCN Forum for NDEs  
of West Asia

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# Technical Assistance In Practice – Mali

Date of submission: Monday 11 January 2016

Request proponent: ENERTEC – SARL

**Request: Technical Support for the CSP – Pilot Plant**

**Assistance Requested:**

*Perform studies:*

- i. Technical: (feasibility, grid stability, minigrid, etc. ...);
- ii. Financial economical engineering;

*Get services:*

- i. Legal / contractual;
- ii. CDM / PoA;
- iii. Plant Implementation plan; and
- iv. Funds mobilization/Lead financing;

*Asses training needs, development of training curriculum and program (Levels:*

*Technician, Engineer, Master / Doctorate):*

- i. Project studies – Tools / equipment & Methodology: (feasibility, grid stability, mini-grid, etc. ...);
- ii. Construction and Installation; and
- iii. Operation and Maintenance.



# Technical Assistance In Practice – Ethiopia

Date of submission: Thursday 26 November 2015

Request proponent: Ethiopian Energy Authority

**Request:** Development of Product Standard & Comparative Labelling of  
**"Electric Injera Mithad"**

**Assistance Requested:**

- Availing products standards and testing protocols. (MEPS and labeling)
- Identification of appropriate testing facilities, procurement and set up
- Capacity building and experience sharing on S and L
- Development of energy efficient electric Injera Mithad







Date of submission: Thursday 26 November 2015

Request proponent: National Energy Commission

**Request:** Developing a NAMA to leapfrog to advanced energy-efficient lighting technologies

**Assistance Requested:** Support the transition of the Dominican Republic to high efficiency lighting technologies (light emitting diodes – LEDs)

### CTCN Response:

- Establishment of mandatory minimum energy performance standards for efficient lighting products in residential, commercial and industrial applications
- Creation of a monitoring, verification and enforcement mechanism to ensure compliance with national standards and avoid use of low performance products
- Development of a large scale LED deployment scheme to facilitate rapid transformation to high efficiency LEDs, and ensure that disposal of non-complying products is done in an environmentally sound manner (financial mechanism )



## Technical Assistance In Practice – Thailand

Date of submission: Monday 30 November 2015

Request proponent: Center for Climate and Environmental Studies

**Request:** High resolution regional climate model projections for Thailand

**Assistance Requested:** Address the lack of adequate climate models, collection and distribution of spatial and temporal meteorological and hydrological data for effective agriculture and water resource management

Thailand is requesting support to strengthen existing data centres including through:

- Recommend tools and methodologies for climate downscaling, collect, manage, analyse the data
- Increasing skills of climate modellers for seasonal climate forecasts, land surface models, hydrological models and crop yield modals
- Recommend strategy for improving the system
- Recommend ways of disseminating information to all stakeholders and general public





**Date of submission: Monday 30 November 2015**

Request proponent: Ministry of Environment, Sustainable Development, and Disaster and Beach Management

**Request:** Identification, Characterization and exploitation of Potential Offshore Sand Banks/Deposits

**Assistance Requested:** Address degradation of coastal zones due to increasing development and pressure on resources, and exacerbated by climate change (sea level rise, erosion, etc.)

The government of Mauritius has identified a type of 'soft' technology to address this problem: sand nourishment for coastal protection, dune stabilization, etc. They thus need CTCN support to:

- Identify the quantity of sand needed for beach replenishment in the long-term
- Identify potential sites for offshore sand mining
- Assess environmental impacts of using such methods
- Identify good practices in this field
- Support to identify potential funding sources and investors



## Technical Assistance In Practice – Multi Country

Date of submission: 31 March 2015

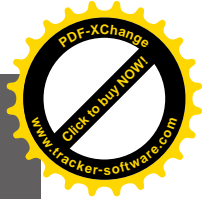
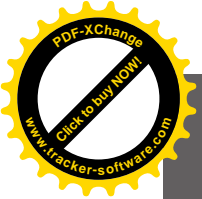
Request proponent: Multi Country (Guinea Bissau, Mali, and Niger )

**Request:** Capacity Building in Ecosystem-based Methods and Green Infrastructure for Sustainable Agriculture Intensification and Disaster Risk Management

**Assistance Requested:** Assist in reverting landscape degradation in six agro/ecologically different demonstration sites through capacity building.

### CTCN Response

- Analyse state of the art sustainable agriculture methods and their results in all sub-humid to semi-arid areas of the three countries
- Identify appropriate interventions necessary to revert degradation of the various landscapes
- Train national extension services, NGOs etc. in stakeholder driven evidence-based decision-making
- Develop comprehensive concept paper for implementation in the 6 landscapes and present to a set of potential financiers
- Build capacity of national government officials in comprehensive programme development



# Thank you



CLIMATE TECHNOLOGY CENTRE & NETWORK



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