



## Mali

**Applicant:** National Meteorology Agency

**National Designated Entity:**  
Mr. Birama Diarra,  
National Meteorology Agency

**Duration:** 12 months

**Status:** Completed

**Budget:** 63,250 USD

**Planned by:**  
Environment and Development  
Action in the Third World (ENDA)

**Implemented by:** ENDA

## Identification of climate adaptation solutions in rural communities

### CONNECTING COUNTRIES TO CLIMATE TECHNOLOGY SOLUTIONS

The Climate Technology Centre and Network promotes the transfer of climate technologies at the request of developing countries for energy-efficient, low-carbon and climate resilient development.

By connecting stakeholders with technology experts from around the world, the CTCN delivers customized capacity building and technical assistance aligned with national climate objectives.

### CHALLENGE

Mali is facing serious challenges as a result of climate change, including the deterioration of agricultural, forestry and pastoral productivity, which are the country's main sources of livelihood. While significant progress has been made in establishing national policies and programmes, there is further need to identify, pilot and scale-up practical solutions for local rural communities.

### CTCN SUPPORT

Development and dissemination of an easy-to-use reference guide on practical technology solutions to adapt agricultural, forestry and pastoral practices to a changing climate, tailored to each agro-ecological zone of Mali.

### INTENDED IMPACT

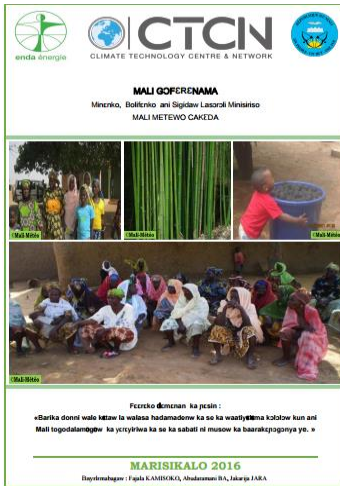
- Strengthened knowledge of climate change-related problems and practical adaptive solutions by local communities
- Improved climate resilience of Mali's agro-ecosystems
- Enhanced wellbeing and climate resilience of communities, particularly of marginalized groups (youth, women, migrants, etc.)

# THIS ASSISTANCE ADVANCES

## Mali's Nationally Determined Contribution to:

- Address climate change challenges relevant to agriculture
- Implement a technological action plan for adaptation and mitigation, as well as mobilization of local authorities, communities and vulnerable groups, to increase their resilience to climate change by 2020

# SUSTAINABLE DEVELOPMENT GOALS



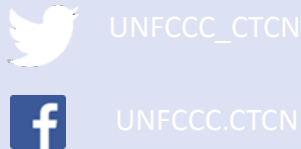
## THE STORY

Mali has developed policies, strategies, plans and programmes to help address climate change adaptation and mitigation at decentralized and communal levels. The effective participation of rural populations, particularly women and the youth, is vital. Achieving the overall objectives require high impact and low cost climate technologies that strengthening the resilience of vulnerable communities and attaining clean development goals. With this in mind, the government of Mali requested the CTCN technical assistance in the identification of a range of appropriate climate technologies for each of the agro climatic zones of Mali.

The CTCN assistance developed a tailored and ready-to-use Reference Guide, in both Bamanankan and French languages, which provides practical concepts, approaches, methods and tools as well as an array of technological solutions in the agriculture sector, with co-benefits for the energy, forestry and water sectors. These guides are tailored to local farmers and agricultural extension workers, with user-friendly images and practical terminology and diagrammes throughout. This guide also contains information on the typology of climate hazards, exposure and sensitivity to help the Malian government in the management of disaster risks associated with droughts and floods. The CTCN is also preparing key recommendations and steps that will help the Malian government in the development of significant size funding proposal to enable large-scale deployment of the practical technology solutions detailed in this guide and shared on a pilot basis with local communities.

## Learn more about CTCN technology transfer

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 Email: [ctcn@unep.org](mailto:ctcn@unep.org)  
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The CTCN is the operational arm of the UNFCCC's Technology Mechanism and is hosted by the United Nations Environment and the United Nations Industrial Development Organization (UNIDO).

## The CTCN gratefully acknowledges the support of :

