



**CTCN**  
CLIMATE TECHNOLOGY  
CENTRE & NETWORK

# Technology

ACCELERATING CLIMATE  
ACTION ON THE GROUND

2017 Progress Report



It's not just about windmills and solar panels. Technologies of all kinds are helping us to lower emissions, increase resilience, and develop sustainably. Making technology transfer work for countries requires getting all of the necessary elements in place.

It's about...



**Ghana, Kenya, Mauritius, and Namibia** are preparing for a transformational change towards sustainable cooling appliances. By working with the Climate Technology Centre to identify the most suitable green refrigeration and air conditioning technologies, and develop supportive policy measures and technology roadmaps, these countries are utilizing their economies of scale to mitigate ozone depletion and greenhouse gas emissions while fostering sustainable industrial development.



# 1 Identifying and Prioritizing Technologies



**Tunisia** is transitioning to energy-efficient lighting on a national scale. In order to build the necessary capacity to implement Tunisia's ambitious National Energy-Efficient Lighting Transition Strategy, the CTCN is developing educational materials on the design and management of energy-efficient lighting systems, regulations, and government policies. It is also instructing over 100 key Tunisian technicians, architects, and engineers who will then serve as trainers themselves, thereby expanding the national skill pool and promoting wider implementation of energy-efficient and low-emission systems.



## Strengthening Capacities



**Cote d'Ivoire** is strengthening its ability to make informed climate change decisions by building an environmental information system to coordinate relevant data from around the country. The CTCN worked closely with national stakeholders to develop environmental indicators, propose a sustainable data collection strategy and explore technology options for the design and implementation of the platform. With relevant information from a variety of sectors (agriculture, energy, water, etc.) collected in an integrated data repository, the environmental information system will facilitate sound planning and policy making for the future.



## Enhancing

Decision Making  
Tools & Information



**Tanzania** is working to protect its forests and the health of its population by deploying low emission biomass stoves for household and institutional cooking. The Climate Technology Centre is working with the communities of Lindi, Mtwara and Pwani to develop sustainable charcoal and wood fuel value chains, including charcoal and cook stove production for use in both rural and urban areas. This effort will be combined with best practices from other initiatives and developed into a plan for scaling up sustainable wood fuel cooking systems in other areas of Tanzania.

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## Assessing Feasibility, Piloting & Deployment



**Costa Rica** is increasing its resilience to climate change by designing a protocol that enables local governments to incorporate adaptation and mitigation measures into local land use plans. The CTCN is facilitating south-south transfer between Costa Rica and other countries to share good practice, knowledge and experience in introducing climate change considerations into land use planning, and providing guidance on development of a legal instrument that forges links between biodiversity conservation, reducing natural disaster vulnerability, coastal area management, infrastructure and urban areas, and water protection in order to reinforce medium and long-term resilience.

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**Supporting** Enabling Environments



**Myanmar** is expanding adaptation efforts within its agricultural and water sectors with the help of improved data analysis and financial support. By creating linkages with the Green Climate Fund's Readiness Programme, the CTCN is helping Myanmar establish systems to capture reliable and timely data that will inform climate change assessments as well as drought and flood management. This will improve the country's access to the most relevant climate models, ensuring that up-to-date climate projections are available to stakeholders for planning and development of climate resilient solutions.



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