

CTCN Capacity Building in a Snapshot

Countries most affected by climate change are often also confronted with economic, institutional, and technological barriers to action. The CTCN is therefore supporting their empowerment to enable the transfer of climate technologies through strengthening human and technological capacities.

Capacity-building is an important building block of CTCN work. This includes building or strengthening the capacity of developing countries to identify technology options, make technology choices and operate, maintain and adapt technology that will help them increase resilience and mitigate greenhouse gas (GHG) emissions in line with their national priorities and goals included in their Nationally Determined Contributions (NDCs).

As one of the thematic bodies under the Convention, the CTCN mainstreams capacity-building into all of its activities to:

- a. Identify, pilot and deploy technologies for the implementation of Nationally Determined Contributions (NDCs) through targeted technical assistance;
- b. Facilitate linkages between technical assistance and financing.
- c. Foster institutional strengthening in developing countries, with a focus on LDCs and SIDS;
- d. Improve understanding of climate technologies through knowledge sharing

The role of the CTCN as provider of capacity building activities is recognized by parties and, as a special case, CTCN was invited to the first meeting of the Paris Committee on Capacity-Building (PCCB). Furthermore, along with other bodies established under the climate convention, the PCCB has invited the CTCN to make a submission on capacity-building activities for the implementation of NDCs in the context of the Paris Agreement, suggestions of relevance to PCCB mandates related to the capacity-building work and information and suggestions regarding the web-based capacity-building portal.

CTCN Regional Fora: Helping developing countries move from technical assistance to technology deployment on the ground



- ✓ 15 Regional Fora conducted
- ✓ Nearly 600 participants including 302 NDE participants from 121 countries
- ✓ 300+ representatives from Development Banks, the GCF, CTCN Consortium Partners and current and potential Network members

Figure 1: Regional Fora for NDEs. Regional Fora conducted in 2015-2017 are shown in yellow. Countries with NDEs nominated as of 12 July 2017 are represented in green.

The third round of Regional Fora was organised in parallel with the Green Climate Fund's (GCF) Structured Dialogues to enhance coordination between CTCN NDEs and GCF National Designated Authorities (NDAs). The events included joint sessions bringing together NDEs and NDAs to articulate concrete proposals to facilitate access to financing for the deployment of climate technologies at national level. These efforts are in line with Article 10 of the Paris Agreement and with COP decision 14/CP.22 on Linkages between the Technology Mechanism and the Financial Mechanism of the Convention.

The Fora also focused on presenting the latest development of CTCN services to developing countries globally and in the region; sharing experiences and best practices from CTCN technical assistance, including those involving collaboration with the GCF; increasing south-south learning and; creating networking opportunities through showcasing innovative climate technologies that respond to country priorities.

Since the last Advisory Board meeting, the CTCN started its third round of NDE Regional Fora, with three Fora conducted for Asia, for Eastern Europe and Central Asia and for Pacific Island Countries.

CTCN Request Incubator Programme: reinforcing LDC capacity to implement NDCs through Technology Roadmaps

The CTCN Incubator Programme provides tailored support to NDEs from Least Developed Countries (LDCs) to strengthen institutional capacities, identify technology priorities and achieve adaptation and mitigation targets.

Based on feedback received from participating countries and taking into account the outcomes of COP21 and the mandate attributed to the CTCN to support countries implement technology action plans, the Incubator Programme now includes a stronger emphasis on the analysis of Nationally Determined Contributions (NDCs) as a basis for the identification and prioritisation of technology interventions that can support NDC objectives. The new approach is being tested in a number of countries. The CTCN is also considering to provide capacity-building support to develop GCF concept notes as a follow-up activity to the Incubator.

5 countries engaged under the new approach:

- ✓ Equatorial Guinea
- ✓ Malawi
- ✓ Mauritania
- ✓ Senegal
- ✓ Zambia

Facilitating linkages between technical assistance and financing

As part of its efforts to facilitate investments in climate technology projects and in line with recent decisions by the UNFCCC COP, the CTCN has developed a capacity building module to help countries develop a pipeline of concept notes for the Green Climate Fund (GCF). The main purpose of this capacity building module is to enhance the skills of project proponents, technical employees of line Ministries, institutions, and entities in preparing concept notes for submission to the GCF based on project visions identified as priorities in the countries' climate change process (Nationally Determined Contributions, Technology Needs Assessment, Green Climate Fund country programme, etc.). The CTCN is piloting the module in four countries (Guyana, Pakistan, Tanzania and Zimbabwe) and received interest from the GCF to fund the module in additional countries using GCF Readiness Support funds.

On a similar vein, the CTCN is organising a series of workshops to mainstream technology in the national climate agenda and support implementation of NDCs. The workshops bring together national focal points from selected countries of the various climate initiatives under the UNFCCC to discuss countries' priorities and strengthen synergies with the objective to scale up and deploy priority climate technologies at national level. These focal points are: Climate Change Focal Point, CTCN NDE, Technology Needs Assessment (TNA) Focal Point, Green Climate Fund (GCF) NDA, Global Environment Facility (GEF) Operational Focal Point, Nationally Appropriate Mitigation Actions (NAMAs) Focal Point, and National Adaptation Plans (NAPs) Focal Point. The first two regionally based workshops were held for Asia and Anglophone Africa.

CTCN webinars: Building capacity of NDEs and other stakeholders on climate technologies

The CTCN webinars respond to the need to build capacity of NDEs and other stakeholders on climate technologies. Designed and conducted by CTCN Consortium Partners and Network members, the webinars introduce main climate technologies and sectors and their contribution to increased resilience and reduced GHG emissions. Participants in the webinars had the chance to discuss main sectoral gaps and barriers, and to learn about concrete examples of successful policies and tools that can be replicated in other countries and regions. Since the last Advisory Board meeting, the CTCN hosted webinars developed and conducted by Network Members on various topics including advancing community resiliency through energy efficiency; solar-powered solutions for decentralized wastewater treatment; climate technology cluster development & innovation deployment; risk mapping for climate change adaptation; tools for measuring and managing biomass carbon stocks in forest landscapes; adaptation and mitigation synergies; and integrated environmental analysis in monitoring for adaptation.



- ✓ 42 webinars conducted in total and 40 others promoted
- ✓ 2400+ participants
- ✓ 94% of respondents to a survey think the webinars contributed to improve their knowledge on a particular climate technology

CTCN Secondment Programme: fostering knowledge transfer among the CTCN and its partners

The CTCN Secondment Programme enables professionals from Climate Technology Network members (including NDE institutions) and CTCN Consortium partners to participate in the work of the CTCN secretariat in Copenhagen for a period of 6-12 months. Secondees contribute to the strategic and operational work of the Centre and enhance their understanding of climate technology implementation and knowledge transfer. At the same time secondees give the CTCN the opportunity to identify local technology needs, cultural, socio-economic and political influences on technological development, and to increase awareness of the CTCN in the secondees' countries of origin. The CTCN expects two new candidates to start their secondment programme at the beginning of August 2017. The Network and Capacity Building team will be complemented for six months by an Environment Officer from Bhutan's NDE, the National Environment Commission of Bhutan. Network member Green Technology Center of Korea is seconding a Senior Researcher to the CTCN for a year. The expert will support the Technical Assistance team with their work on the Adaptation portfolio.
