

CTCN Capacity Building in a Snapshot

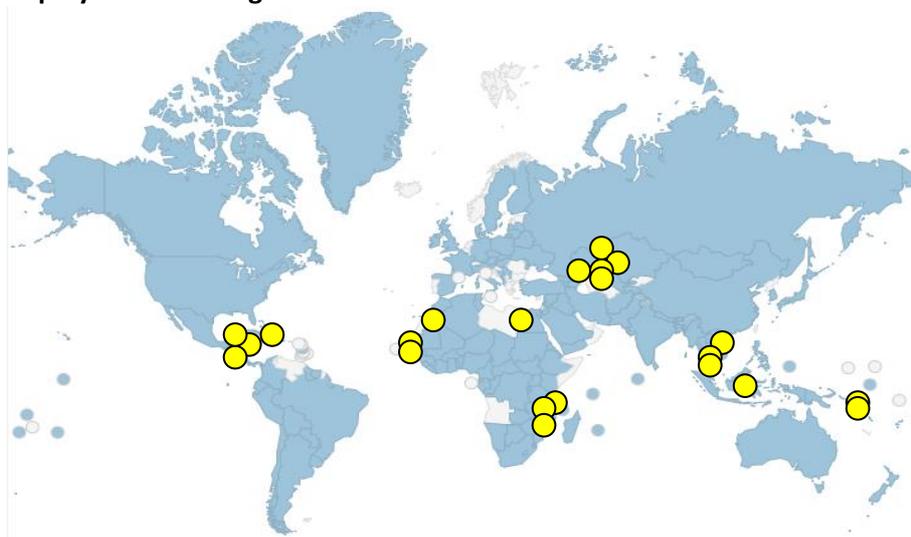
Countries most affected by climate change are often also confronted with economic, institutional, and technological barriers to action. The CTCN is therefore supporting their empowerment to enable the transfer of climate technologies through strengthening human and technological capacities. Capacity-building 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, the CTCN was invited to the first meeting of the Paris Committee on Capacity-Building (PCCB). Furthermore, at the invitation of the PCCB and along with other bodies established under the climate convention, the CTCN made 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



- ✓ **22 Regional Fora conducted**
- ✓ **Over 800 participants including 500 country representatives**
- ✓ **400+ 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 2015-2018 are shown in yellow. Countries with NDEs nominated as of 14 September are represented in blue.

The last round of Regional Fora was organised in parallel with the UNFCCC Climate Weeks to facilitate interaction between NDEs and other climate technology stakeholders. The Fora focused on presenting the latest developments in CTCN services to developing countries; 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. The CTCN conducted Regional Fora for Asia, Eastern Europe and Central Asia and Pacific Island Countries. Since the 11th Advisory Board meeting, the CTCN held Regional Forums in Africa, Asia and Latin America.

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.

CTCN Incubator Programme

- ✓ 12 countries supported
- ✓ 17 requests generated
- ✓ One technology roadmap developed

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 5 countries.

Radboud Summer School Programme

For the second year the CTCN supported LDCs through the organization of a week long course designed specifically for junior professionals and Doctorate students from LDC countries. The course, originally designed jointly with the European Commission-funded CARISMA project and organized in August 2018 through a partnership between the CTCN and Radboud University as part of its Summer School programme, brought together 28 participants from 23 countries including those from LDC countries which were nominated by their respective NDEs. The course aimed to build the capacity of participants in mitigation options and policies. The participants from LDCs presented technologies that could be relevant for implementation based on their countries' NDC commitments. The participants also created hypothetical action plans for the scaling up of the selected technologies in their respective countries.

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 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 piloted the module in four countries (Guyana, Nepal, Pakistan, Tanzania, Zimbabwe and Zambia) and received interest from the GCF to fund the module in additional countries using GCF Readiness Support funds. Together with the African Development Bank, the CTCN is organizing a climate finance workshop for North African countries.

On a similar vein, the CTCN organised a series of workshops to mainstream technology in the national climate agenda and support implementation of NDCs. The workshops bring together from selected

countries national focal points 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. Focal points represented were: 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. These two regionally based workshops were held for Asia, Francophone and Anglophone Africa and Latin America. Since the 11th Advisory Board meeting, the CTCN held one additional workshop in Uzbekistan for Central Asian countries.

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 wastewater management in developing countries, vulnerability reduction credits and agricultural carbon markets.

- ✓ **52 webinars conducted in total and 47 others promoted**
- ✓ **3000+ participants**
- ✓ **Over 90% 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. Programme participants 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 they provide the CTCN with 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 participants' country of origin. Since the 11th Advisory Board meeting, two additional Secondment Programme participants joined the CTCN: a Researcher from Network member Green Technology Center Korea and an Energy Auditor from Consortium partner The Energy and Resources Institute from India. These experts support Networking and Technical Assistance focused on Mitigation.
