CTCN
CLIMATE TECHNOLOGY CENTRE & NETWORK

CTCN

Connecting countries to climate change

TECHNOLOGY SOLUTIONS



UN environment programme

UNIDO

We have the technological capability to meet our needs in a cleaner, more efficient way and to adapt to a changing climate. The Climate Technology Centre and Network (CTCN) puts that potential in the hands of developing countries by accelerating the development and transfer of climate technologies at their request, as they strive to meet their climate change and sustainable development goals.

Climate technology is any equipment, technique, practical knowledge or skills needed to reduce greenhouse gas emissions and/or adapt to climate change.
(IPCC 2000)

The CTCN is the implementation arm of the United Nations Framework Convention on Climate Change (UNFCCC) Technology Mechanism, and is hosted by the UN Environment Programme and the United Nations Industrial Development Organization. Leveraging the expertise of these institutions, as well as a global network of over 600 civil society, private sector, and research institutions, the CTCN delivers technical assistance, capacity building and knowledge for energy-efficient, low-carbon and climate-resilient development.

Technology matchmaking

Technologies are vital to building climate-resilient, low-carbon societies. Many essential technologies already exist — the challenge is to get them deployed where they are needed, and to build the enabling environments to support technology innovation, adaptation and scale-up. An overwhelming number of developing countries' Nationally Determined Contributions (NDCs) under the Paris Agreement indicate a requirement for technology support and capacity building in order to achieve their commitments.

To meet this need, the CTCN serves as a demand-driven and trusted technology partner, matching developing country needs for climate change-related equipment, methods, capacity development and policy advice with the world-class expertise of its Network.

The CTCN collaborates with:

- The Green Climate Fund (36 countries)
- The Global Environmental Facility (24 countries)
- The Adaptation Fund Climate Innovation Accelerator (30 countries)



Through a full range of technology services, the CTCN provides targeted interventions to unlock transformational change and support countries in achieving Sustainable Development and Paris Agreement goals.

- **Innovation support and collaborative RD&D facilitation**
- **Development of decision-making tools/data, and technology identification and prioritization**
- **Feasibility and adaptation of technology options**
- **Sectoral roadmaps and NDC implementation strategies**
- **Policy and regulatory guidance to create enabling environments**
- **Piloting & deployment of technologies (including private sector engagement)**
- **De-risking, upscaling, and finance coordination**

The CTCN has facilitated the transfer of over 280 technology solutions to over 102 countries.

Fostering technology development and transfer

Technical assistance
Adaptation & Mitigation

The CTCN provides technical assistance in response to requests submitted via National Designated Entities (NDEs), by mobilizing its global network of climate technology experts to design and deliver customized solutions tailored to local needs.

Technical assistance is provided:

- free of charge (with a value up to 250,000 USD)
- at local, national, or regional levels
- to academic, civil society, public, or private sector entities
- for a broad range of adaptation and mitigation technologies



The CTCN is supporting numerous African, Latin American and Caribbean countries to develop circular economy strategies.

Scaling up international collaboration
Networking & Membership

Membership in the Climate Technology Network provides access to a diverse global community of climate technology users, providers and financiers, under the umbrella of the UNFCCC Technology Mechanism. The Network is comprised of academic, civil society, finance, private sector, public sector, and research entities, as well as over 160 NDEs.

Membership is free and benefits include:

- **Commercial opportunities:** Access to competitive contracting opportunities to deliver technical assistance on behalf of the CTCN
- **Visibility:** Broaden your organization's or company's reach by engaging in new projects and highlighting relevant experience, upcoming events, and information via the CTCN's communication channels
- **Connection:** Network with national decision makers and thought leaders to expand your partnership opportunities and learn about emerging activities and areas of practice

Capacity building
Knowledge Sharing & Training

Through regional forums, publications, and workshops, the CTCN provides capacity development and knowledge sharing on climate technology solutions. The CTCN also provides access to the world's largest online source of climate technology information. Available in 6 UN languages, the site offers case studies, national plans, technology descriptions, and webinars searchable by sector and country.

The CTCN delivers



12,230,000

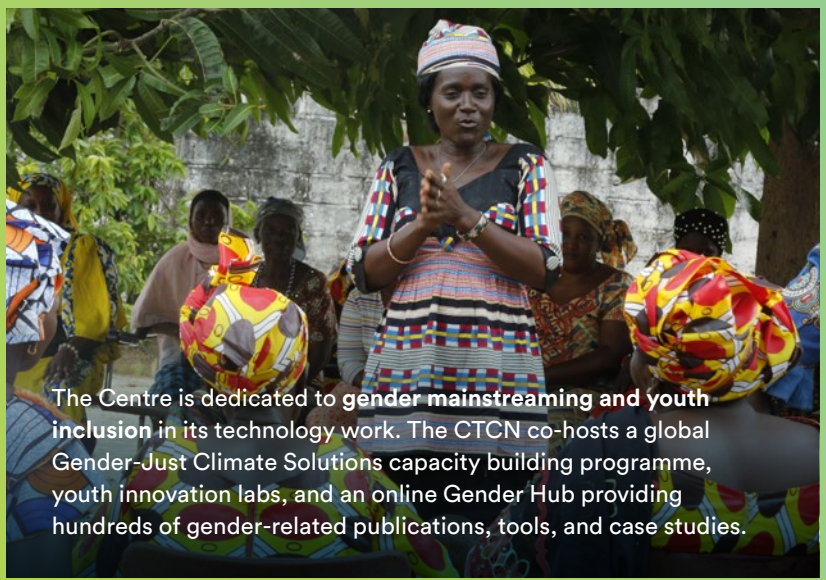
CTCN assistance is estimated to **reduce 12,230,000 tonnes of CO_2 eq.** per year.



The CTCN delivers on all 17 SDGs, most notably on those listed above.

1 billion USD

The CTCN successfully leveraged its original funding of **75 million USD to more than 1 billion USD in projected additional investment** for developing countries to implement climate technology initiatives. These efforts drive not only climate change action on the ground, but create new jobs, improve health, and protect natural resources.



CTCN

CLIMATE TECHNOLOGY CENTRE & NETWORK
UNFCCC Technology Mechanism

JOIN US Visit www.ctc-n.org to:

- **See how the CTCN is helping your country** meet its climate change and sustainable development goals
- **Access** the world's largest source of climate technology info
- **Learn how to make a request** for technical assistance or capacity building
- **Become part of the Climate Technology Network**

- Agriculture
- Biodiversity
- Coastal Zones
- Disaster Management
- Energy
- Fisheries
- Forestry
- Health & Social Systems
- Industry
- Transport
- Waste
- Water

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UN environment programme

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