



CTCN

CLIMATE TECHNOLOGY
CENTRE & NETWORK

Years

Climate Technology Centre and Network

Manfredi Caltagirone
Paris, 19 June 2019



CTCN Mission

Mobilizing global expertise to encourage innovation and deliver tailored solutions to institutions in developing countries, to leverage financing and technologies to achieve countries' climate goals

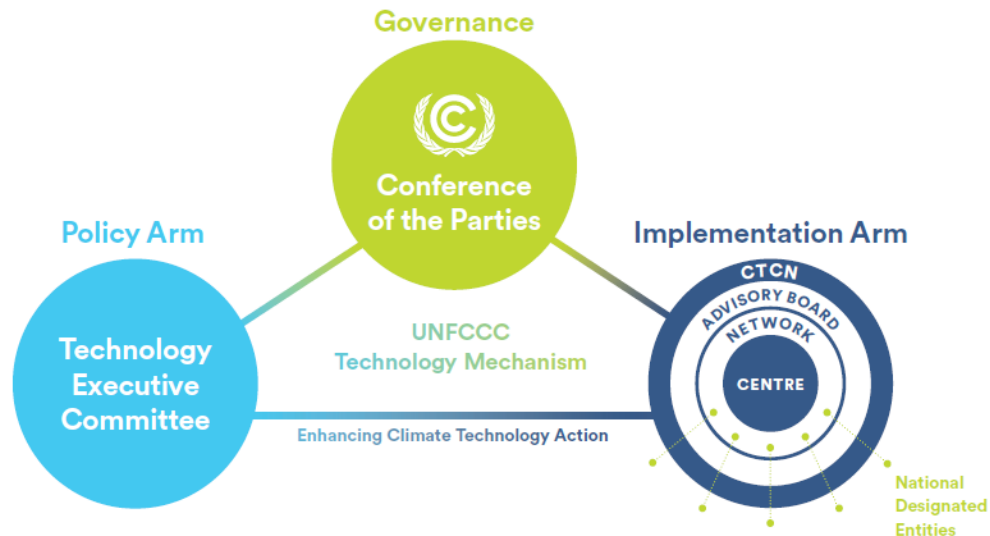


The CTCN, Anchored in the UNFCCC

The Climate Technology Centre is the implementation body of the United Nations Framework Convention on Climate Change (UNFCCC) Technology Mechanism.

The CTCN works together with the Technology Mechanism's policy body – Technology Committee (TEC)- to enhance climate technology transfer to developing countries.

The CTCN is hosted and managed by the UN Environment and the United Nations Industrial Organization (UNIDO). It is supported by its Consortium and 488 Network members.



Our Core Sectors of Action



**REDUCE GHG
EMISSIONS**

↓ **MITIGATION**

Agriculture
Energy Supply
Forestry
Industry
Transport
Waste Management

SERVICE 1
Technical Assistance

SERVICE 2
Knowledge Sharing

SERVICE 3
Collaboration & Networking



**STRENGTHEN
CLIMATE
RESILIENCE**

↻ **ADAPTATION**

Agriculture & Forestry
Coastal Zones
Early Warning & Environmental Assessment
Human Health
Infrastructure, Transport & Urban Design
Marine & Fisheries
Water

CTCN Technical Assistance

The CTCN technical assistances with innovation component

Brazil

Internationalization of the Brazilian hydrogen energy research and development network

Status: completed

Sectors: Renewable energy, Energy efficiency, Industry, Transport

Brazil, Chile, Mexico, Uruguay

Assessment of the current status of the circular economy for developing a roadmap

Status: under implementation

Sectors: Cross-sectoral, Infrastructure and Urban planning, Renewable energy, Energy efficiency

Dominican Republic

A Community based early Warning System in every pocket from Santo Domingo

Status: completed

Sectors: Early warning and Environmental assessment

South Africa

Substantial GHG emissions reduction in the cement industry by using waste heat combined with mineral carbon capture and utilization

Status: completed

Sectors: Carbon fixation and abatement, Industry



CTCN Knowledge Management System

KMS resources on innovation in energy sector

Reports:

- ❖ “Renewable energy policies and technological innovation: evidence based on patent counts”
- ❖ “Innovation landscape for a renewable-powered future”
- ❖ “Innovation Outlook Offshore Wind

Webinars:

- ❖ The future of energy innovation: applications for off-grid energy in developing countries
- ❖ Energy Innovation with and for Consumers, Customers and Citizens
- ❖ Innovations for the power sector transformation, focus on blockchain technology



Our knowledge partners:

Climate and Development Knowledge Network

International Renewable Energy Agency (IRENA)

Clean Energy Solution Center



CTCN

CLIMATE TECHNOLOGY
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Thank you!