

**Partnerships that deliver technical and financial support for accelerated implementation of actions in cities:
CTCN approach**

TEM mitigation on cross-cutting issues in urban environment and land use

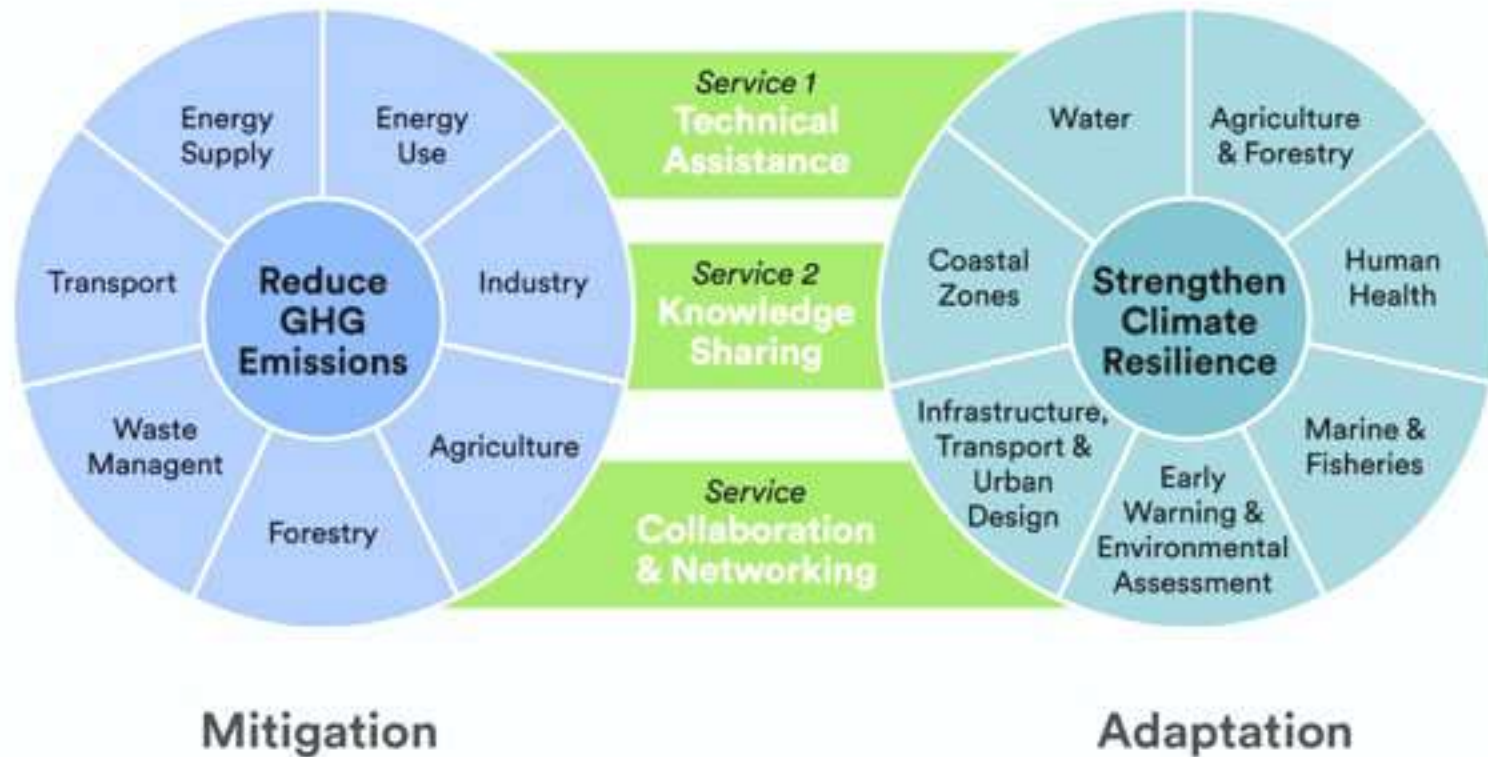
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- ✦ Established by COP 16 in Cancun as the operational arm of the UNFCCC Technology Mechanism;
- ✦ CTCN operates in service of Developing Country focal points (NDE);
- ✦ CTCN partnerships:
 - **Consortium Partners:** UNEP, UNIDO and 11 independent, regional and global organizations with expertise in climate change technologies;
 - **Network:** International academic, multilateral, NGO and private sector institutions;

CTCN service areas and primary sectors

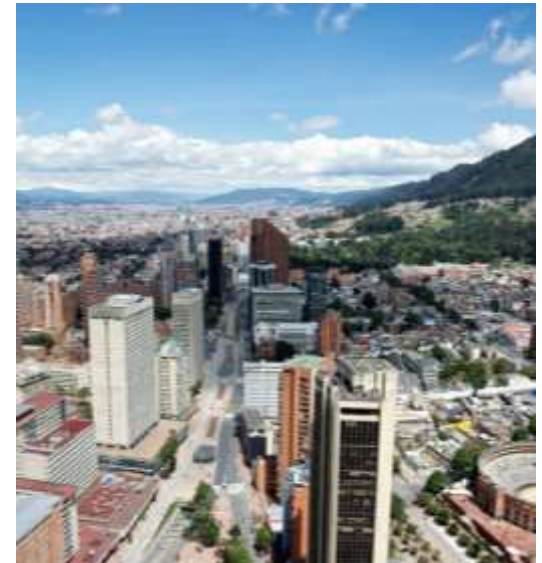


CTCN sectors of interventions relating to urban environment

- ✦ Renewable energy: 175 Network members.
- ✦ Energy efficiency: 182
- ✦ Transport: 63
- ✦ Waste Management: 92
- ✦ Infrastructure and urban planning: 45

CTCN Technical Assistance

- ✦ Eight CTCN technical assistances (TAs) address cities, three on mitigation and five adaptation.



Modernization of Banja Luka's district heating system (Bosnia and Herzegovina)

✦ CTCN Technical Assistance

TA	Proponent	Budget	Implementer
<p>CTCN intervention developed an operational and investment strategy for the district heating system's improved sustainability, including:</p> <ul style="list-style-type: none"> • Construction of new biomass boilers to reduce heavy fuel oil consumption and generate heat with sustainable biomass; • Rehabilitation and replacement of key components in the distribution network to reduce heat and water losses and reduce electricity consumption; • Switching to consumption based metering and billing. <p>Impact:</p> <ul style="list-style-type: none"> • City of Banja Luka has decided to invest in the district heating refurbishment and the development of new biomass boilers through a PPP model based on CTCN TA. 	City of Banja Luka	\$120K	UNEP TA is concluded

Fostering Green Buildings in Thailand for a Low Carbon Society

✦ CTCN Technical Assistance

TA	Proponent	Budget	Implementer
<p>Objective: Supporting the Building Energy Code (BEC) of Thailand via the following activities:</p> <ul style="list-style-type: none"> • Establish building energy consumption baselines for selected building types within the BEC; • Develop energy consumption benchmarks for selected building types; • Techno-economic assessment and analysis for building types and relevant energy efficiency technologies. 	<p>King Mongkut's University of Technology Thonburi</p>	<p>Expected budget: \$100K-\$130K</p>	<p>Network (TBC)</p>

Support for gasifiers and bio-digesters using municipal solid waste (MSW) in Ecuador

✦ CTCN Technical Assistance

TA	Proponent	Budget	Implementer
Technology transfer and spread of gasifiers and bio-digesters of residual biomass to minimize greenhouse gas emissions from MSW	National Institute of Energy Efficiency and Renewable Energy	\$50K	Network (TBC)

How to engage with the Climate Technology Centre & Network

- ✦ Collaboration with the CTCN is possible via the following pathways:
 - Engagement by the National Designated Entity;
 - Engagement as a Network member;
 - Engagement as a Proponent in a developing country;
 - As part of a public private partnership;
 - In-kind financial or technical support provided to a CTCN technical assistance.

Thank you for your attention!



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