



Progress update and new service offerings

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United Nations
Framework Convention on
Climate Change



Agenda

I. CTCN Mandate and Structure

II. CTCN Services

1. Technical Assistance
2. Knowledge sharing
3. Collaboration and networking



United Nations
Framework Convention on
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CTCN Mandate, Services and Structure



The CTCN's mission is “Stimulating technology cooperation and enhance the development and transfer of technologies to developing country Parties at their request”

Services:

1. Technical assistance to developing countries
2. Knowledge sharing and training
3. Fostering collaboration on climate technologies (including linking climate technology projects with financing opportunity)

Structure:

CTCN is hosted by UNEP in collaboration with UNIDO and supported by 11 partner institutions with expertise in climate technologies

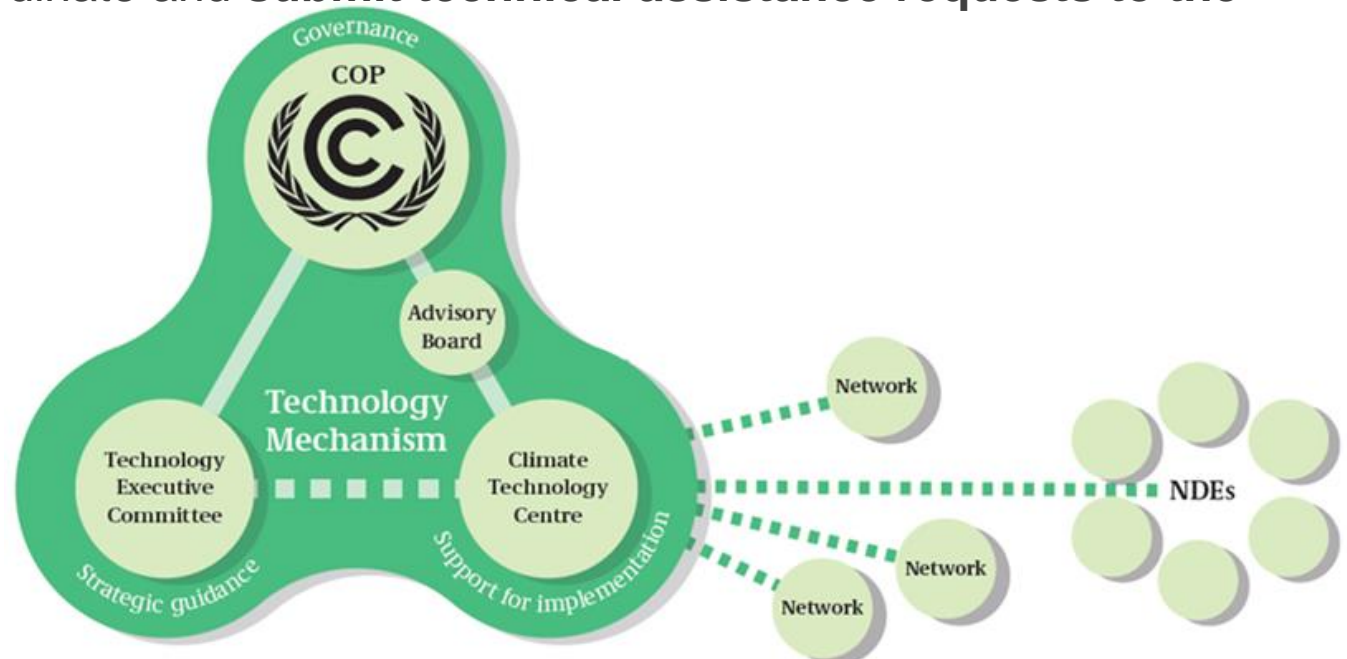


CTCN Structure

Conference of Parties and CTCN Advisory Board guide the work of the CTCN

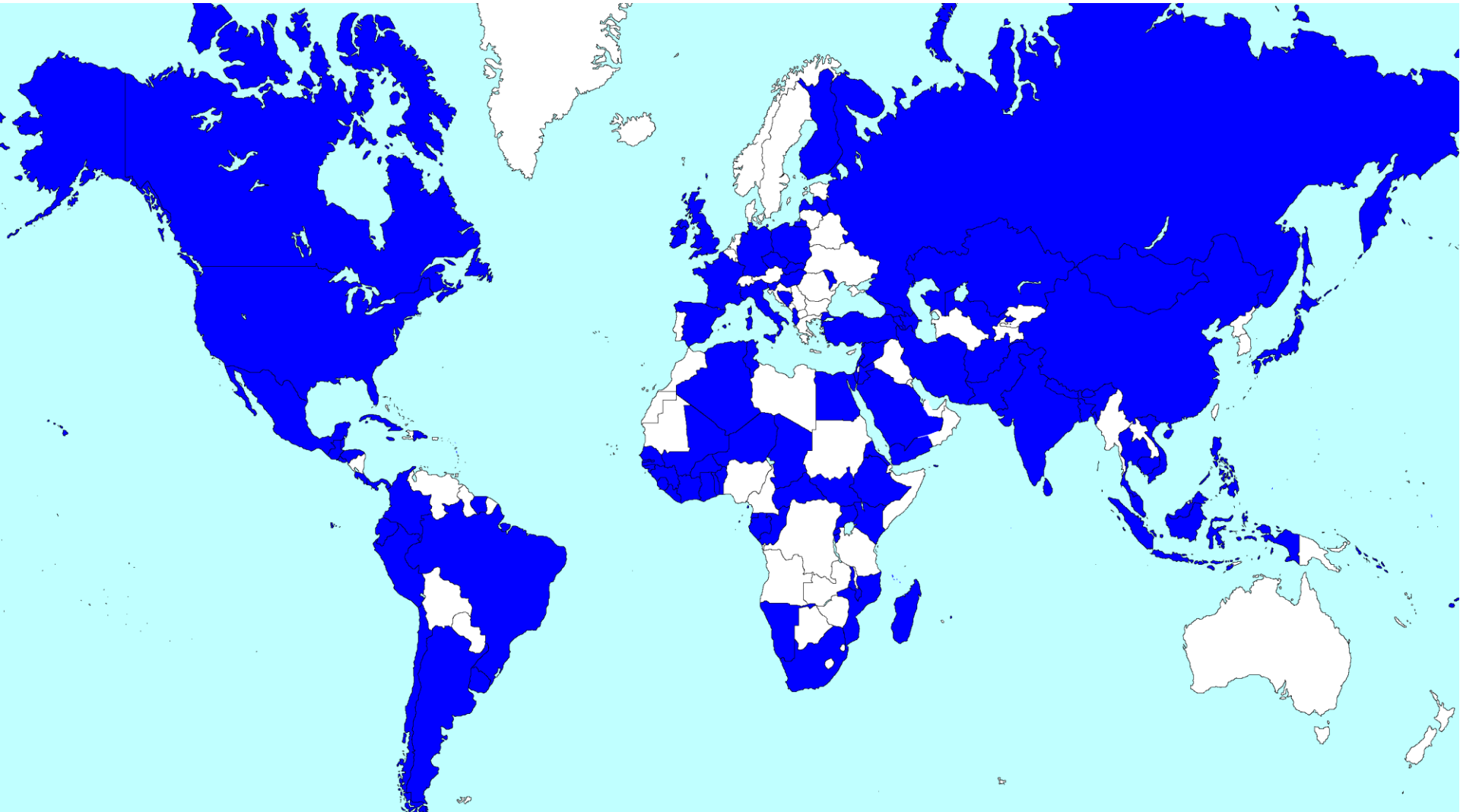
CTCN operations are conducted via:

- The CTCN Secretariat hosted by **UNEP and UNIDO**
- CTCN Consortium: **11 independent, regional and global organizations** with expertise in a variety of climate technology sectors
- An international network of **academic, multilateral, NGO and private sector** institutions
- National Designated Entities (NDEs): **national CTCN focal points** selected by each country to coordinate and **submit technical assistance requests to the CTCN**

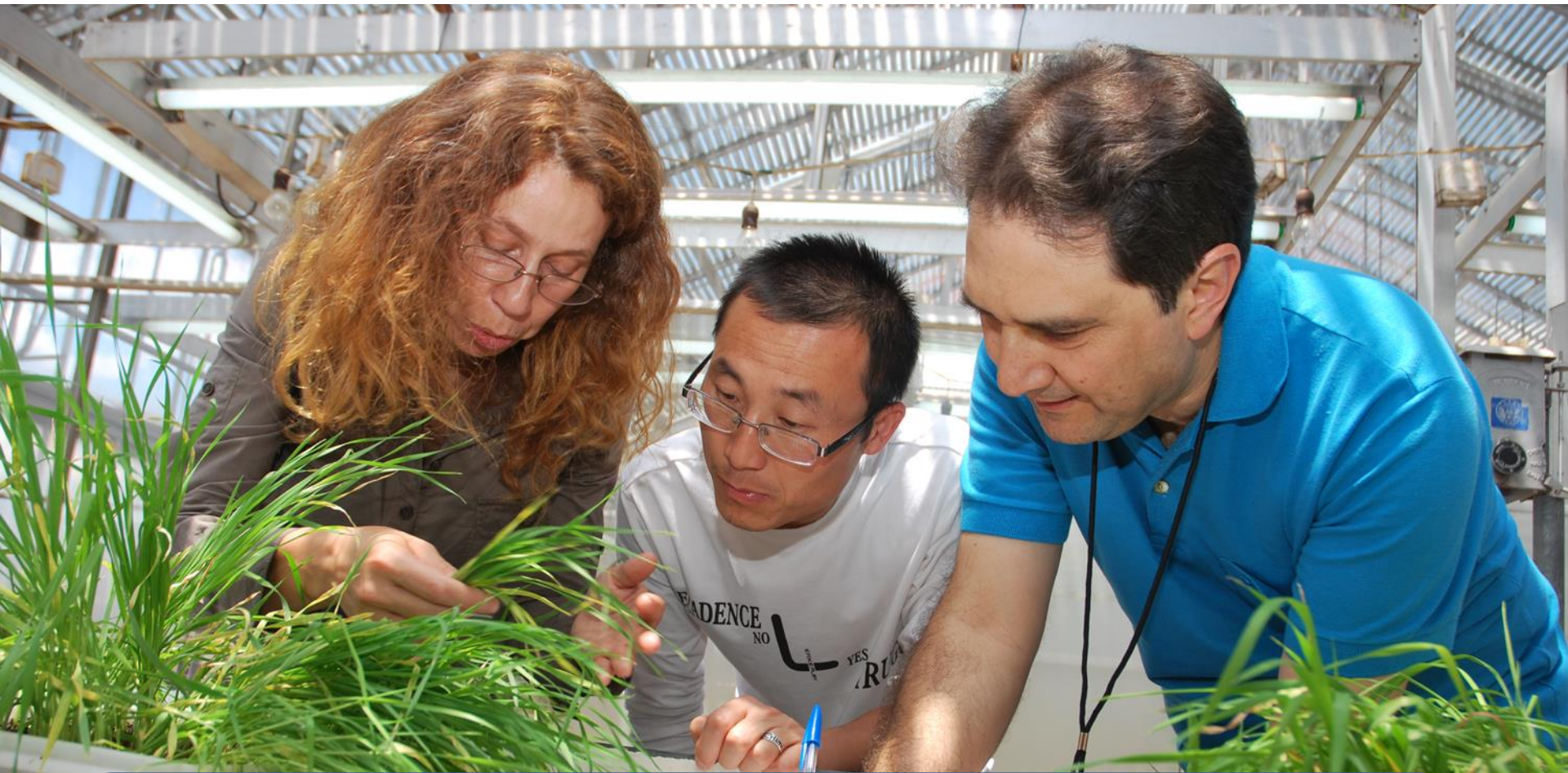


National Designated Entities (NDEs)

116 NDEs have been selected by their countries as of 29 May 2015



Climate Technology Network & Consortium



Through its Network, the CTCN mobilizes policy and technical expertise from academia, civil society, finance and private sectors to deliver technology solutions, capacity building and implementation advice to developing countries.

CTCN Consortium



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2. Knowledge sharing

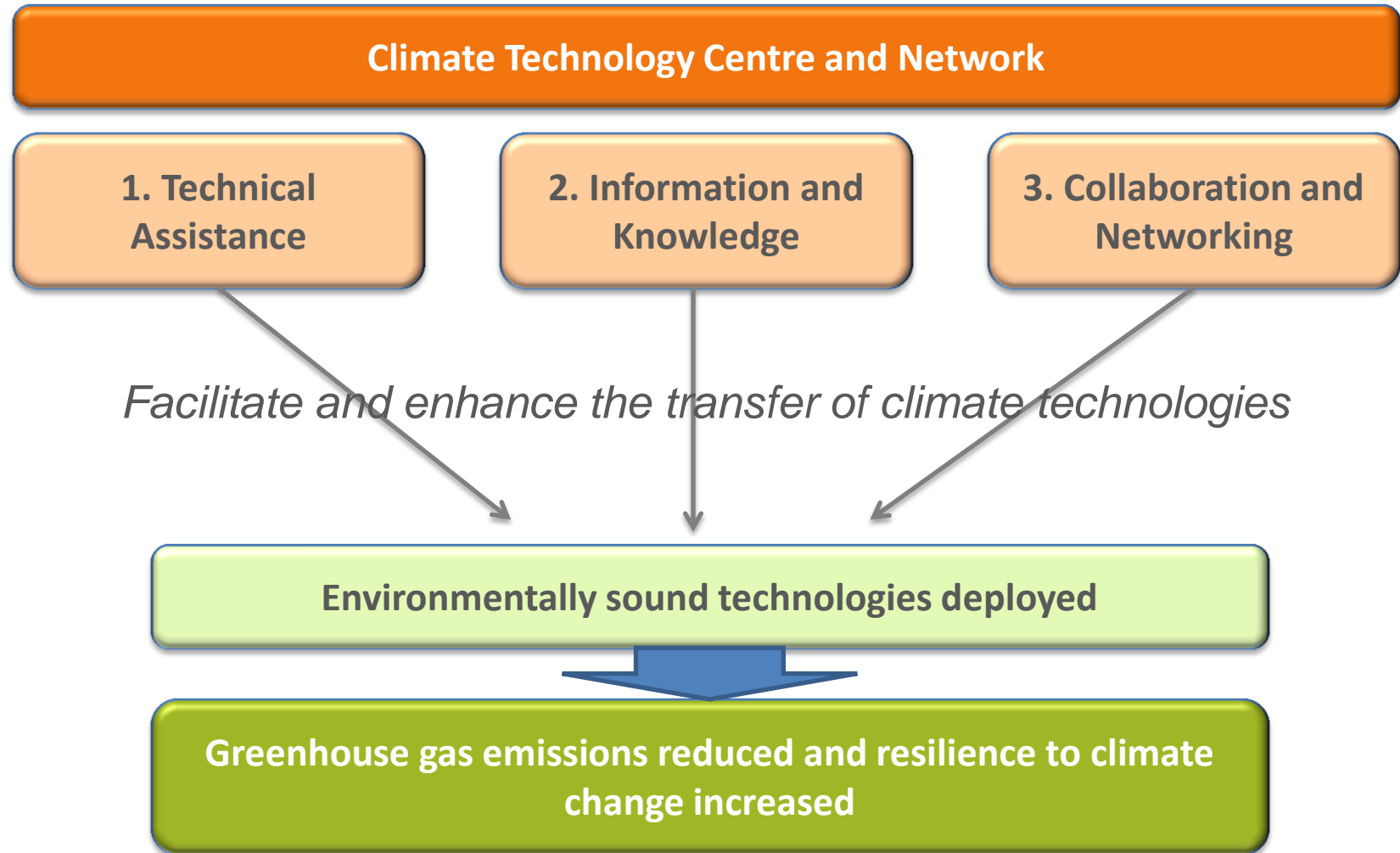
3. Collaboration and networking



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Overview of CTCN Services



What do we mean by “climate technology” ?

Climate technology is any equipment, technique, knowledge and skill needed for:

- **reducing greenhouse gas emissions**, through sectors such as:

Agriculture	Industry
Energy	Transport
Forestry	Waste

- and **adapting to climate change**, via sectors such as:

Agriculture	Forestry
Business	Human Health
Coastal Zones/Oceans	Infrastructure/Human Settlement
Disaster Reduction	Terrestrial Ecosystems
Early Warning	Tourism
Education	Water resources
Fisheries	



CTCN Technical Assistance



Fast and short (3 pages) application process for countries

Provided:

- To developing countries upon their request
- Free of charge (value up to 250,000 USD)
- State of the art and locally relevant expertise
- To academic, public, NGO, or private entities
- For a broad range of adaptation and mitigation technologies

At all stages of the technology cycle:

- From identification of needs;
- policy assessments;
- selection and piloting technology solutions;
- to assistance that supports technology customization and widespread deployment

CTCN Technical Assistance: How it works

Step 1: Identify the need

- Academic, agricultural, business, industry, municipal/national government office, or NGO entity needs technical help on a specific topic that is aligned with official government priorities on adapting to climate change or energy efficiency

Step 2: Contact National Designated Entity (NDE)

- The interested party contacts his/her National Designated Entity (NDE). The NDE is the CTCN focal point for the country and is responsible for coordinating and submitting requests for assistance. The NDE works with the applicant to prepare and submit the short request to CTCN headquarters.

Step 3: The CTCN selects an expert team

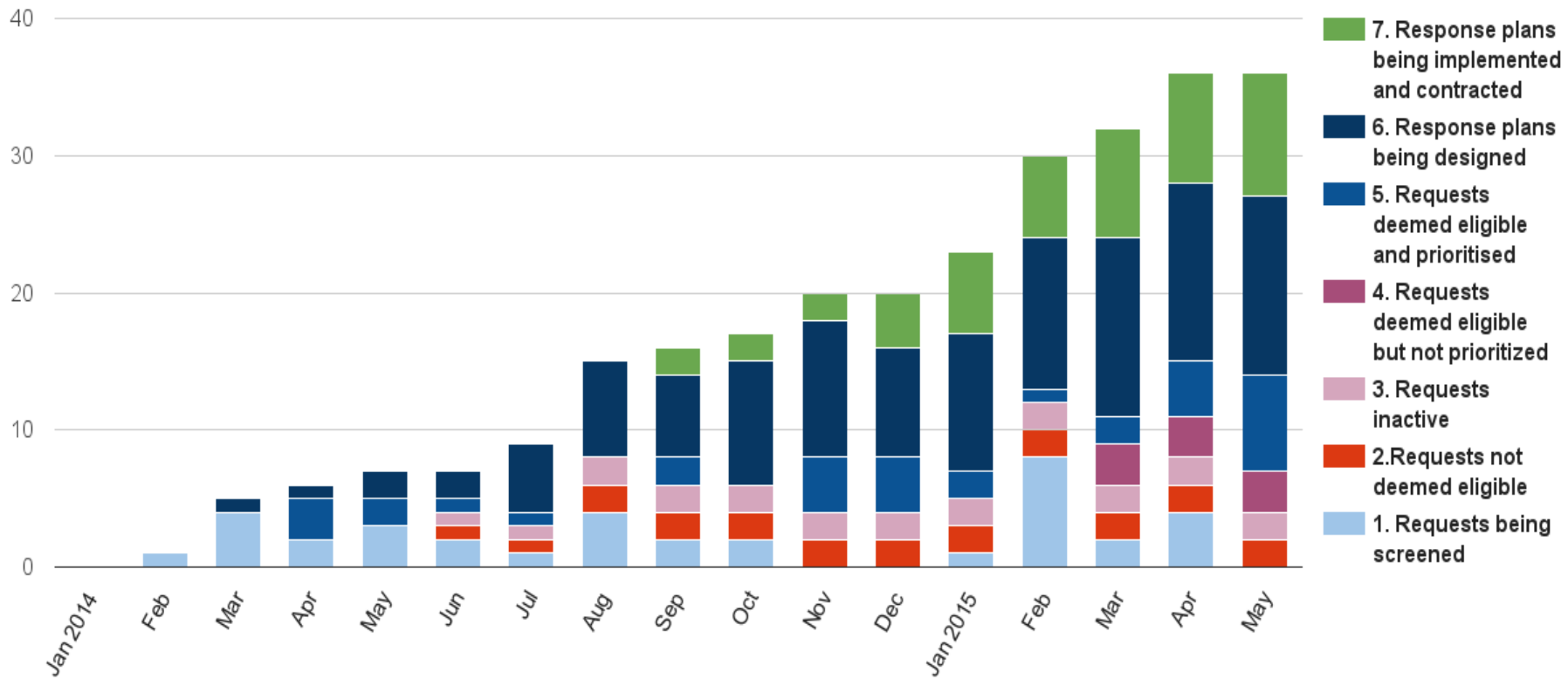
- The CTCN receives the requests, determines eligibility, and assembles a group of experts to develop a plan for the assistance, in close collaboration with the applicant and the NDE. This is a collaborative process and the plan needs to be agreed among all parties.

Step 4: The expert team provides a solution

- The experts work with the applicants and other stakeholders to provide a customized solution to the request.

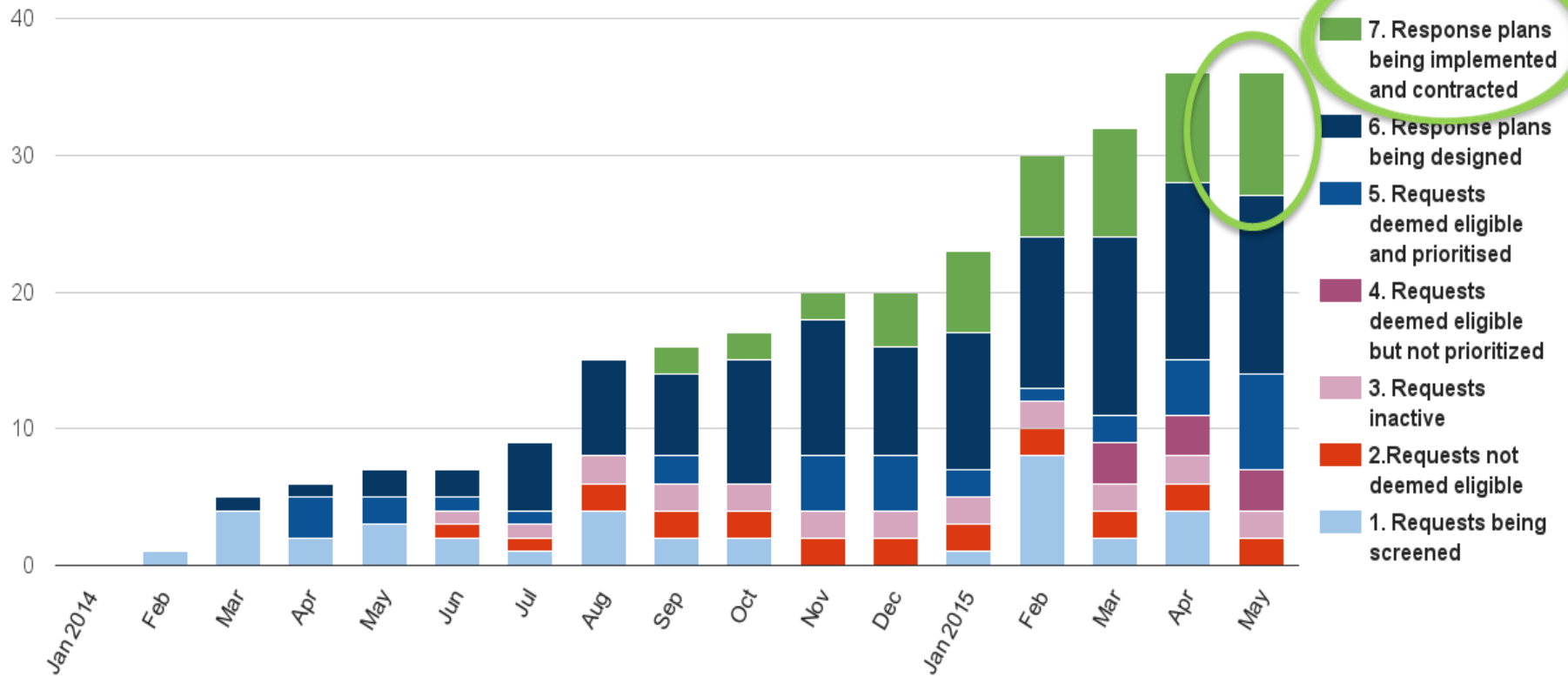
Technical Assistance Status

Progression of CTCN Requests for Technical Assistance



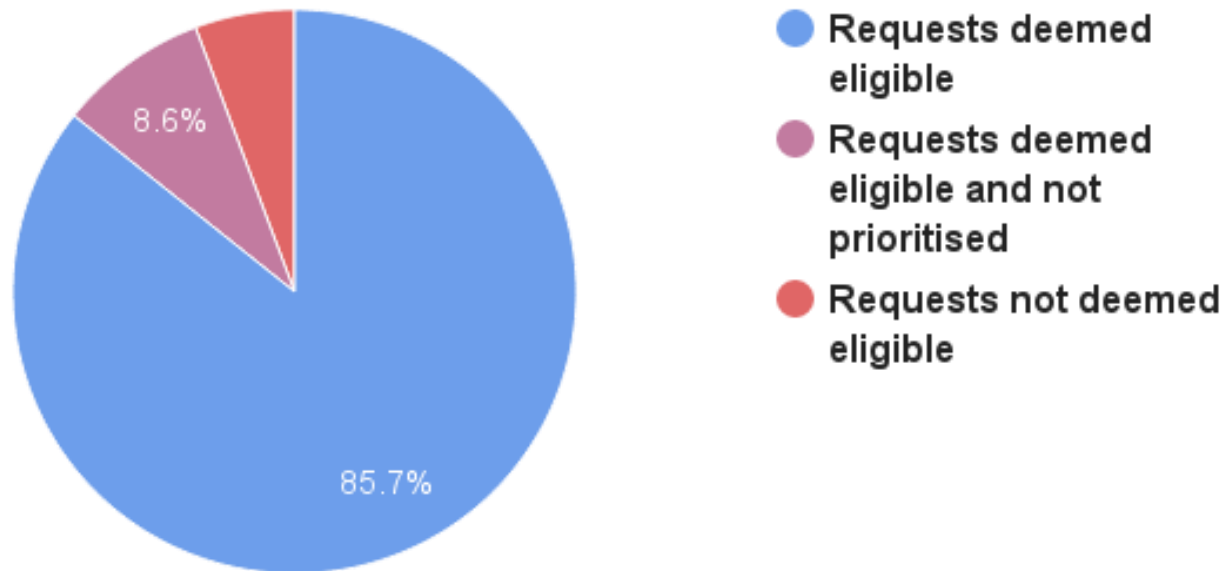
Technical Assistance Status

Progression of CTCN Requests for Technical Assistance



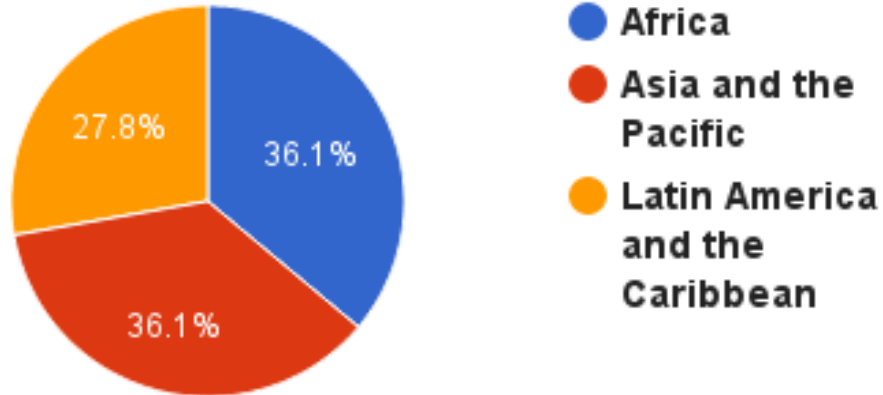
Technical Assistance Status

Overview of Request Appraisal

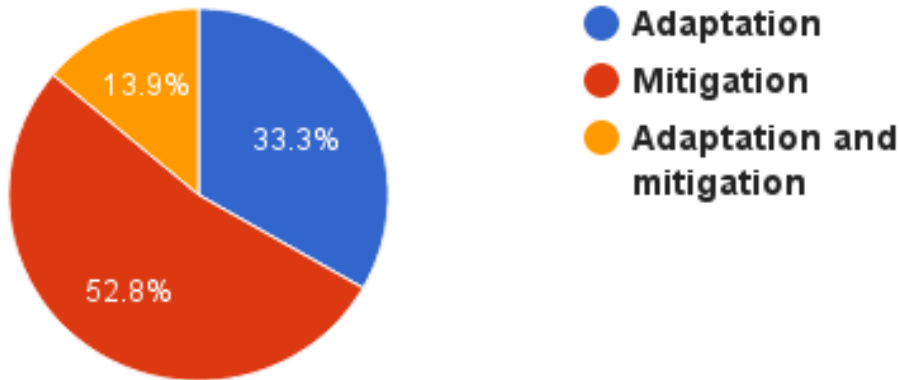


Technical Assistance Status

Distribution by Region

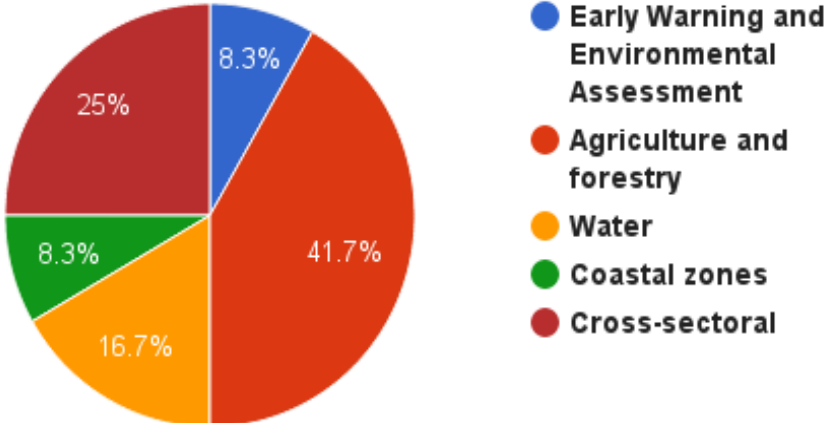


Distribution by UNFCCC Objective

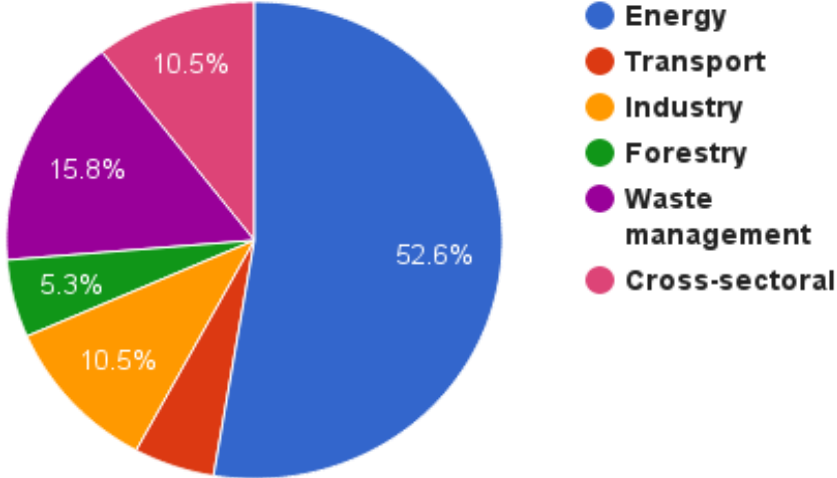


Technical Assistance Status

Adaptation Requests by Sector



Mitigation Requests by Sector

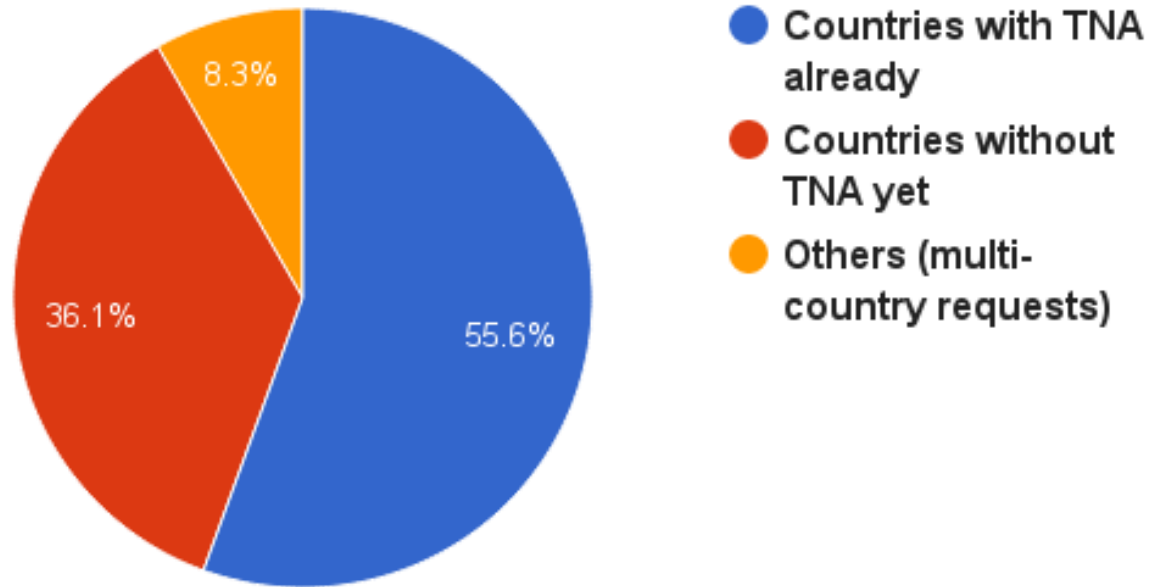


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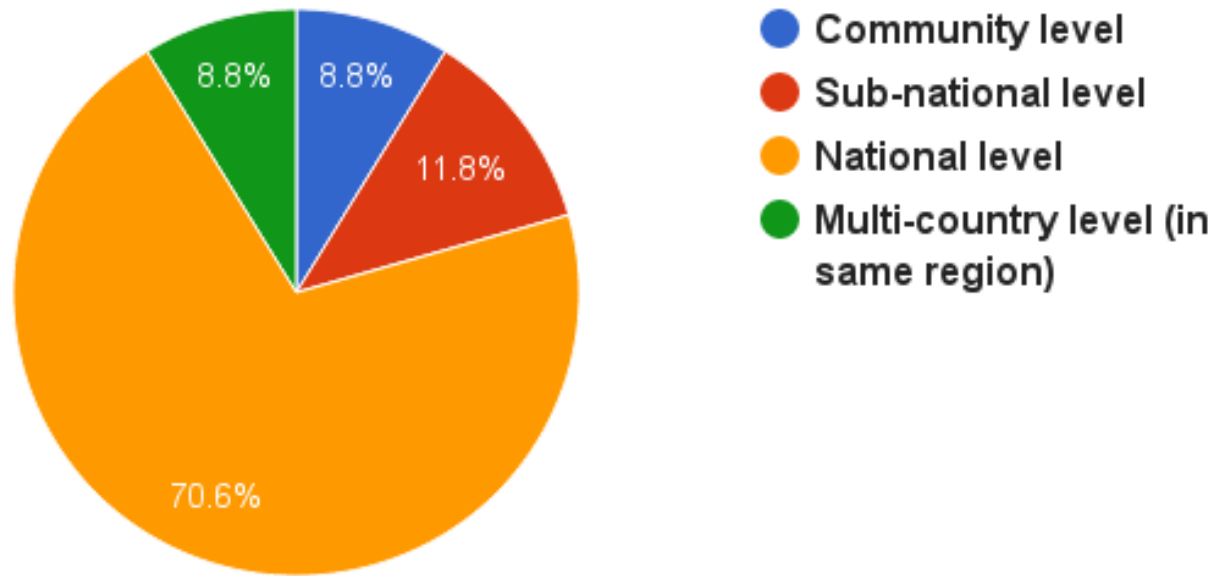
Technical Assistance Status

Requests submitted by countries that have conducted TNA already



Technical Assistance Status

Distribution of Requests Submitted per Geographical Focus



Technical Assistance requested by NDEs

Date of submission	Countries	Title	Objective	Sectors
5 April 2015	Mongolia	Revision of existing Renewable Energy Law of Mongolia and developing framework of activities for enactment of draft Law of Mongolia on Energy Conservation	Mitigation	Energy
9 February 2015	Senegal	Green technology deployment in industrial zones	Mitigation	Industry
8 February 2015	Antigua and Barbuda	Technical Assistance for the Implementation of Projects related to the Establishment of a Sustainable Financial Mechanism for Climate Change in Antigua and Barbuda	Adaptation, Mitigation	Agriculture
5 February 2015	Indonesia	Developing the Ciliwung Watershed Management	Adaptation	Water
5 February 2015	Indonesia	Development of Ocean Current Watershed Management	Mitigation	Energy
5 February 2015	Indonesia	Integrated River and Coastal Management toward Sustainable Giant Sea Wall Technology Jakarta	Adaptation	Early Warning and Environmental Assessment
5 February 2015	Indonesia	The Development of Anaerobic Digester Technology for Palm Oil EFB Waste in Indonesia	Mitigation	Waste
5 February 2015	Indonesia	Development of Integrated Carbon Measurements Methodology on Peatlands in Indonesia	Mitigation	Forestry
19 January 2015	Dominican Republic	A Community based early Warning System in every pocket from Santo Domingo, D.N.	Adaptation	Early Warning and Environmental Assessment

Mali

Adaptation Request: Climate-resilient agriculture



Challenge/Request:

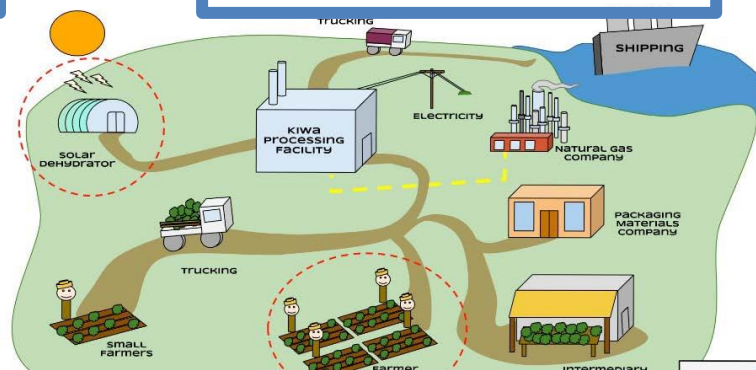
- Climate variability reducing viability of key crops
- Distribution and drying technologies can strengthen productive viability
- But investment is required to pilot and scale up these technologies.



CTCN Response:

1. Strengthen business plan and financial case
2. Identify and introduce local producers to private investors
3. Train local producers for sales pitch to private investors

Result: Help to catalyse private sector financing for adaptation



Dominican Republic

Adaptation Request: Early Warning Communication

Challenge/Request:

- Increased frequency and intensity of extreme storms.
- Mechanisms exist to gain early warning information.
- But the system for communicating it to the public needs improvement.



CTCN Response:

- Help strengthen communications protocols
- Identify new technologies (include mobile phone app)
- Help broker private financing for development and scale up of communication.



Result: Save life and property through improved early warning communications

Synergies between TNA/TAP and CTCN



CTCN mandated by COP to:

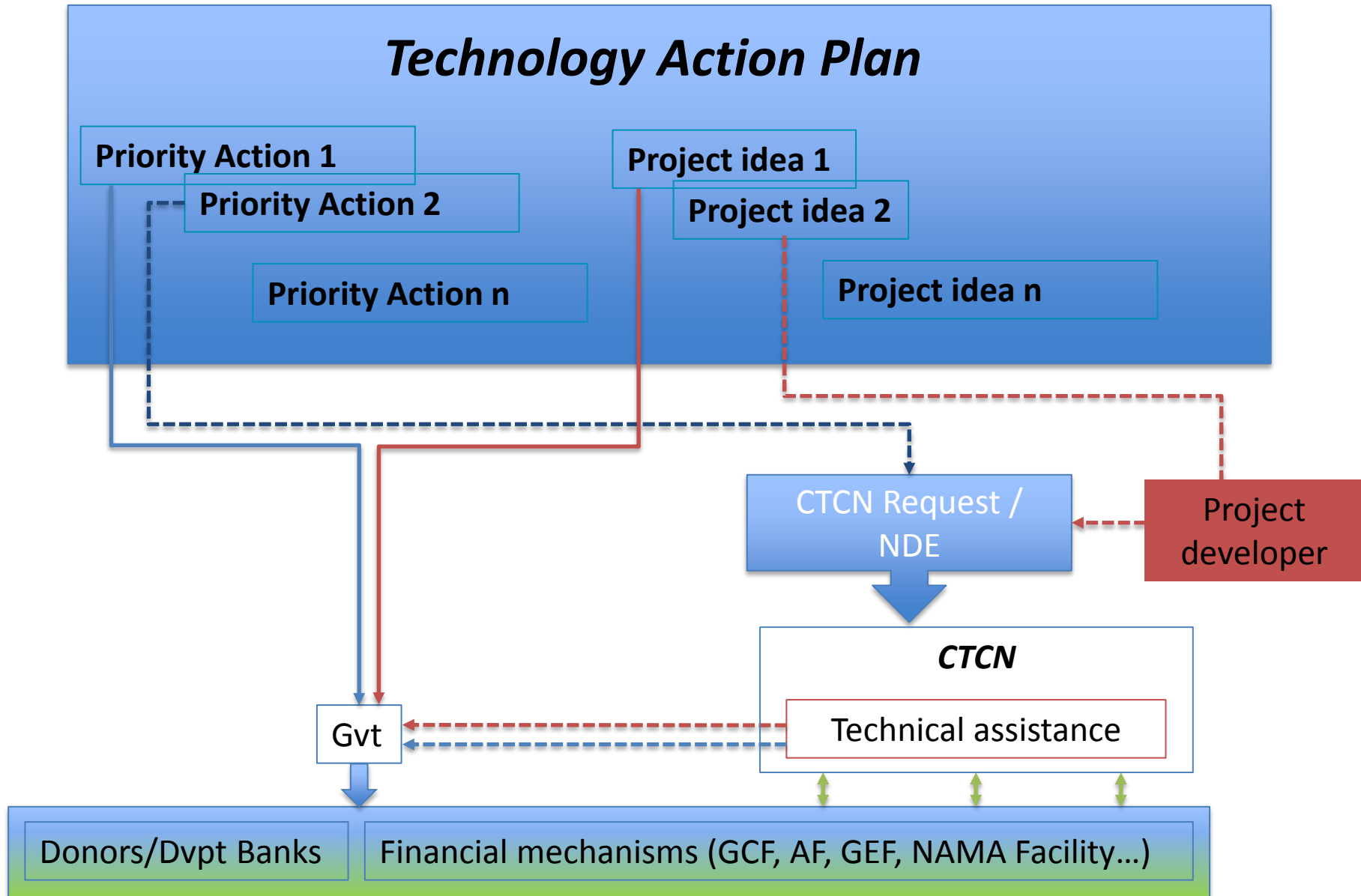
- Provide technical support and advice for development of TNAs
- Support countries in developing draft proposals into fully articulated proposals, building on their technology needs assessments (TNAs)

Source: Modalities and Procedures of the Climate Technology Centre and Network, UNFCCC, 2013

TNA Implementation Support Programme

Countries TNA Phase I	Countries TNA Phase II	Possible TNA Phase III
<ul style="list-style-type: none">• <u>TA</u> based on TNA/TAP• <u>Develop project proposals</u> from TNA/TAP and Pis• Support <u>dissemination of TNA results</u>• <u>Opportunities for multi-country requests</u> from TNAs• Trainings on <u>common capacity building needs</u> emanating from TNAs	<ul style="list-style-type: none">• TA to access <u>additional expertise</u>, notably for the formulation of the project ideas• Develop <u>joint activities</u> (e.g. regional/global workshops for capacity building and experience sharing)• Provide <u>regular updates</u> on TNA Phase II progress and findings	<ul style="list-style-type: none">• GEF proposal (UNEP)• LDCs and SIDS (GEF 6 set-aside)• On demand (request by NDE)• TNA as an <u>integrated planning tool</u>• Execution by CTCN Consortium• Stronger <u>capacity building component</u> (national level)• Rapid <u>move towards implementation</u> thanks to direct link to CTCN

From TAP to implementation



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Knowledge Management System

Support for NDEs and country stakeholders with information on:

- Adaptation and mitigation technologies
- Technology by sector and country
- Capacity building services
- Linkages to partner organizations' info

The screenshot displays the CTCIN website interface. At the top, the CTCIN logo is accompanied by the tagline "Unlocking the power of technology for climate smart solutions". A navigation menu includes links for HOME, ABOUT CTCIN, ADVISORY BOARD, TECHNICAL ASSISTANCE, CAPACITY BUILDING, NETWORK, NEWS & MEDIA, EVENTS, and CONTACT.

A featured banner for a webinar titled "URBAN TRANSPORTATION TECHNOLOGIES THAT ADDRESS CLIMATE CHANGE (11 FEBRUARY 2015)" is shown. Below this, the "Explore by Sector" section features icons for Agriculture, Biodiversity, Coastal Zones, Energy, Fisheries, Forestry, Health Systems, Industry, Transport, Waste, and Water.

The "Explore by Region" section includes a world map with color-coded regions. On the right side, a "Facts" box lists: 21 requests, 1341 resources, 24 network members, and 104 NDEs. Below this is a "Technical Assistance" section with a "Submit a request" button, and a "Related climate change portals" list including GAN, GREEN, REEEP, TTClear, AAKNET, APAN, RECATA, and SEAN-CC.

At the bottom right, there are social media icons for Twitter and Facebook, and a "Join us" button.

CTCN Technology Webinar Series

- Series launched in 2015
- 5 webinars to date
- Presented by CTCN Consortium Partners

Introduction to Waste Management and Climate Change

Date and time:

Wednesday 4 February 2015 - 3:00pm to 4:30pm CET



This webinar highlights the relevance of the waste sector to climate change, provides different technology options, and ways to overcome common barriers faced by developing countries when adopting these waste management technologies.

Urban Transportation Technologies That Address Climate Change

Date and time:

Wednesday 11 February 2015 - 3:00pm to 4:30pm CET



This webinar addresses the climate change and development challenges of urban transportation and how the transportation sector can contribute to mitigation objectives.

Cities, Climate Change and Technologies: An introduction

Date and time:

Wednesday 25 February 2015 - 9:30am to 11:00am CET

Webinar on: Cities, Climate Change and Technologies: An Introduction

25th February, 2015
1530 – 1700h (ICT)
Bangkok

Organized by:
Climate Technology Center & Network
Asian Institute of Technology



This webinar covers issues faced by cities for both climate change mitigation and adaptation, particularly focusing on the technological interventions that cities can adopt to combat and build resilience to climate change.

CTCN Services – Regional Fora for NDEs

ASIA

April 28 – 30, Bangkok

AFRICA

June 22-26, Dakar – Senegal, Arusha – Tanzania (TBC)

Two events in parallel, one for Francophone and one for Anglophone Africa
Back to back with the TNA training workshops.

LATIN AMERICA

Fall 2015, exact dates and places TBD

EASTER EUROPE AND MIDDLE EAST

Dates TBD, Istanbul, Turkey

CARIBBEAN SIDS AND PACIFIC SIDS

Dates and location TBD

Back to back with meetings organized by relevant regional organizations (e.g. SPREP, CARICOM, 5C, etc)



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CTCN Secondment Programme

Objectives

- Knowledge exchange among CTCN community members
- Improved collaboration, trust and understanding among partners

Participants

Key staff from CTCN partner organizations

- **Consortium partners, donors, NDEs, and Network members**

Financial implications

- Candidate remains employed and paid by partner institution
- Level of support depends on home country (see table)

First round of applications currently under review

Annex 1:
Accommodation

Non-Annex 1:
Accommodation +
flight

LDC:
Accommodation +
flight + 50€ DSA

Request Incubator Programme for LDCs

The Programme provides tailored support to Least Developed Countries to:

- Access CTCN technical assistance services
- Coordinate and scale-up national activities related to climate technologies
- Identify funding mechanisms for deploying climate technologies in their countries
- Better measure country's progress and demonstrate concrete achievements for climate technologies

11 participating countries:

- Bangladesh
- Benin
- Central African Republic
- Equatorial Guinea
- Gambia
- Guinea Conakry
- Malawi
- Nepal
- Rwanda
- Tanzania
- Uganda

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Collaboration and Networking

The Climate Technology Network

- NDEs and representatives of civil society, finance, private sector and research institutions with expertise on climate technologies
- Creates a space for collaboration on technical assistance, capacity building activities, and outreach
- Various opportunities for networking with other public and private actors involved in climate technologies

Through:

- ✓ International and regional forums
- ✓ Workshops on specific themes such as transportation sector, public-private partnerships, climate knowledge, etc.
- ✓ Technical assistance

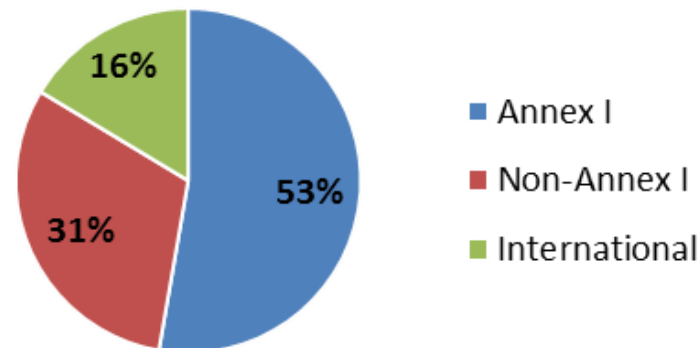


Network Status

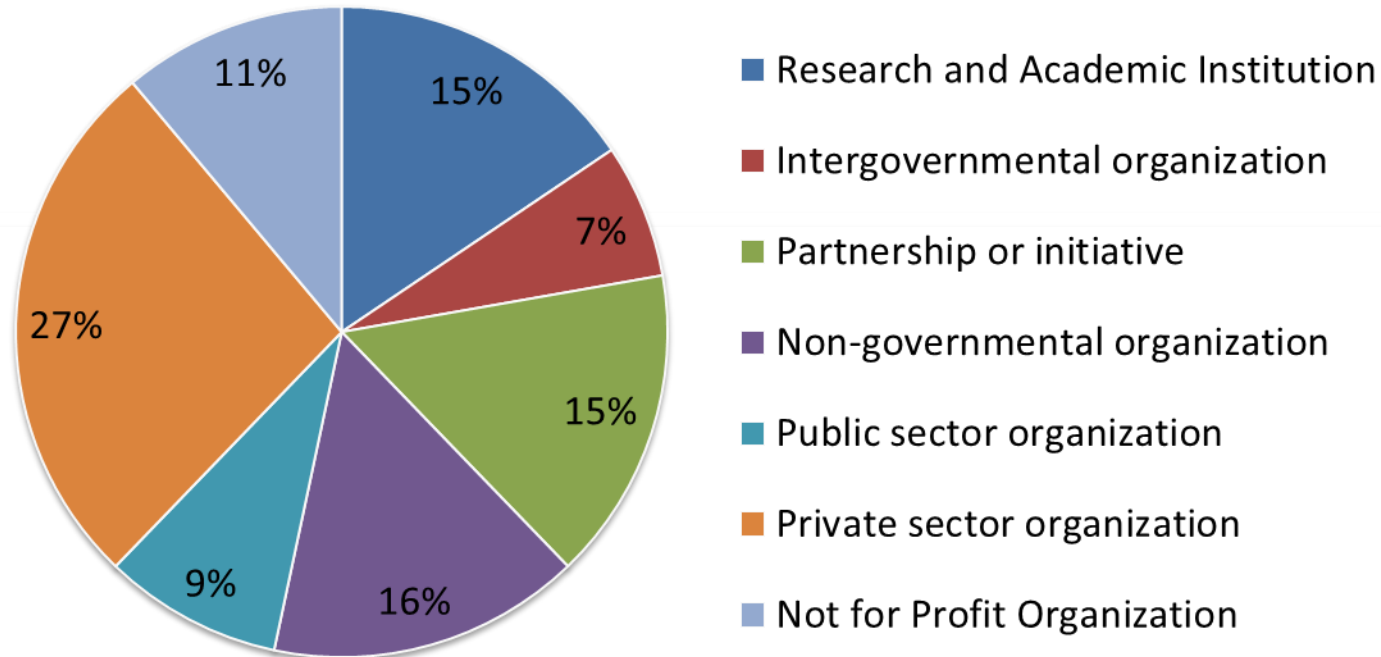
Network members by region

Africa	4
North-America	7
Latin America and the Caribbean	6
Asia	15
Europe	18
Oceania	3
International	2
Total	55

Network distribution by UNFCCC country designation

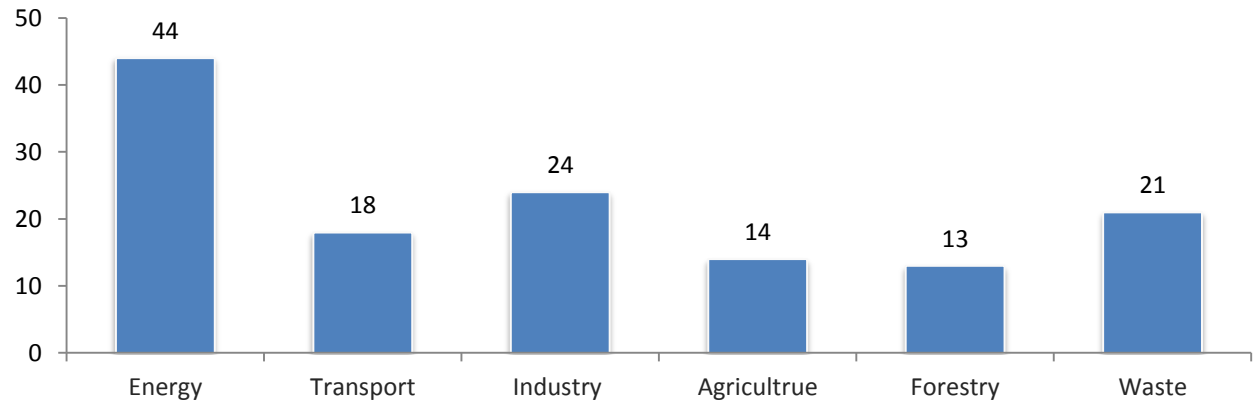


Network by type of institution

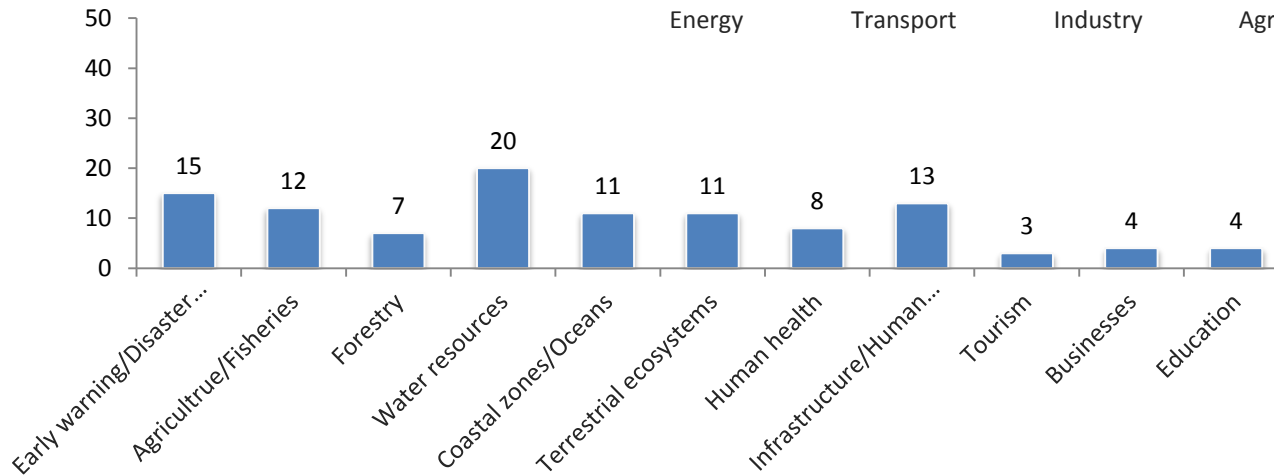


Network Expertise by Sector and Service Type

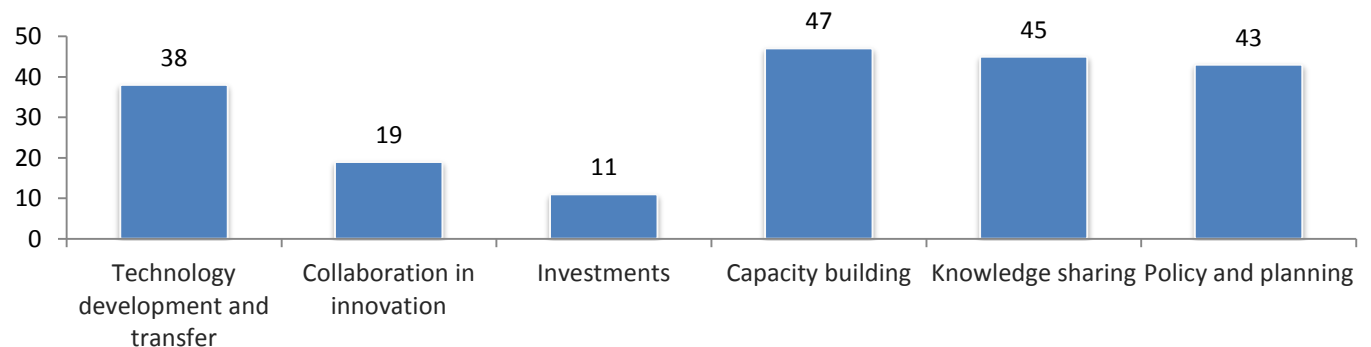
Mitigation sectors



Adaptation sectors



Service types





For more information, please visit:

<http://ctc-n.org>