



Introduction to the CTCN



United Nations
Framework Convention on
Climate Change



CTCN: The operational arm of the UNFCCC Technology Mechanism

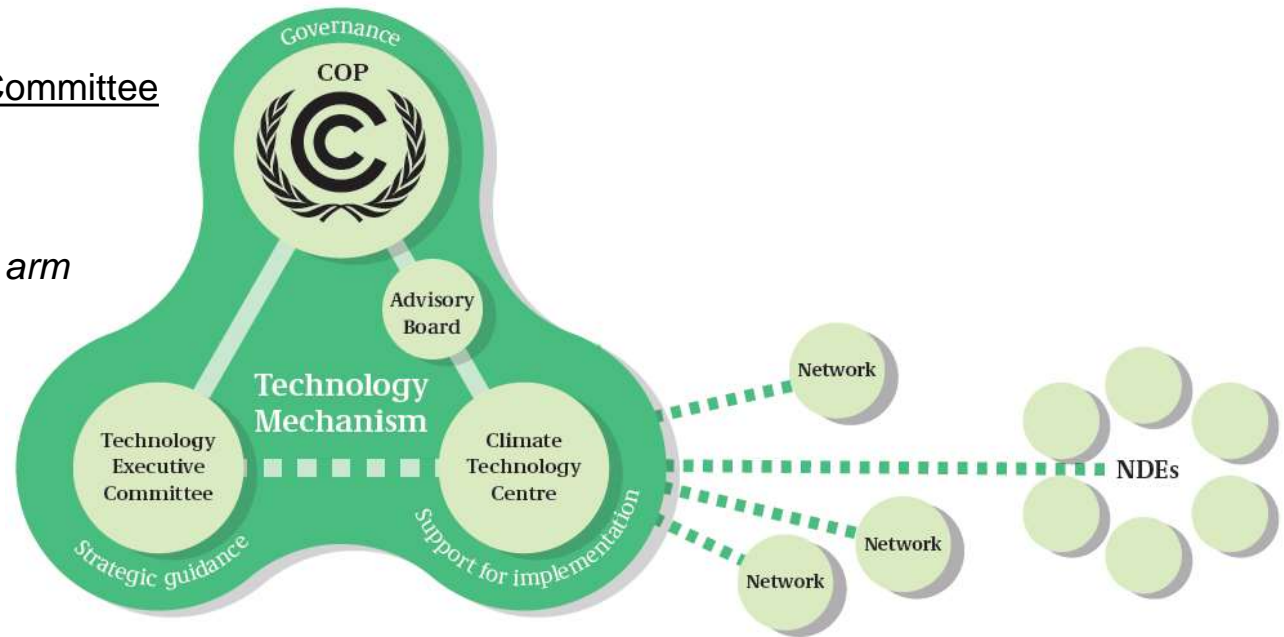
Objective: enhance action on the development and transfer of technology for action on climate change

Technology Executive Committee

- *The policy arm*

CTCN

- *The implementation arm*
- *NDEs*



CTCN Mandate, Services and Structure



Mandate

CTCN 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”)

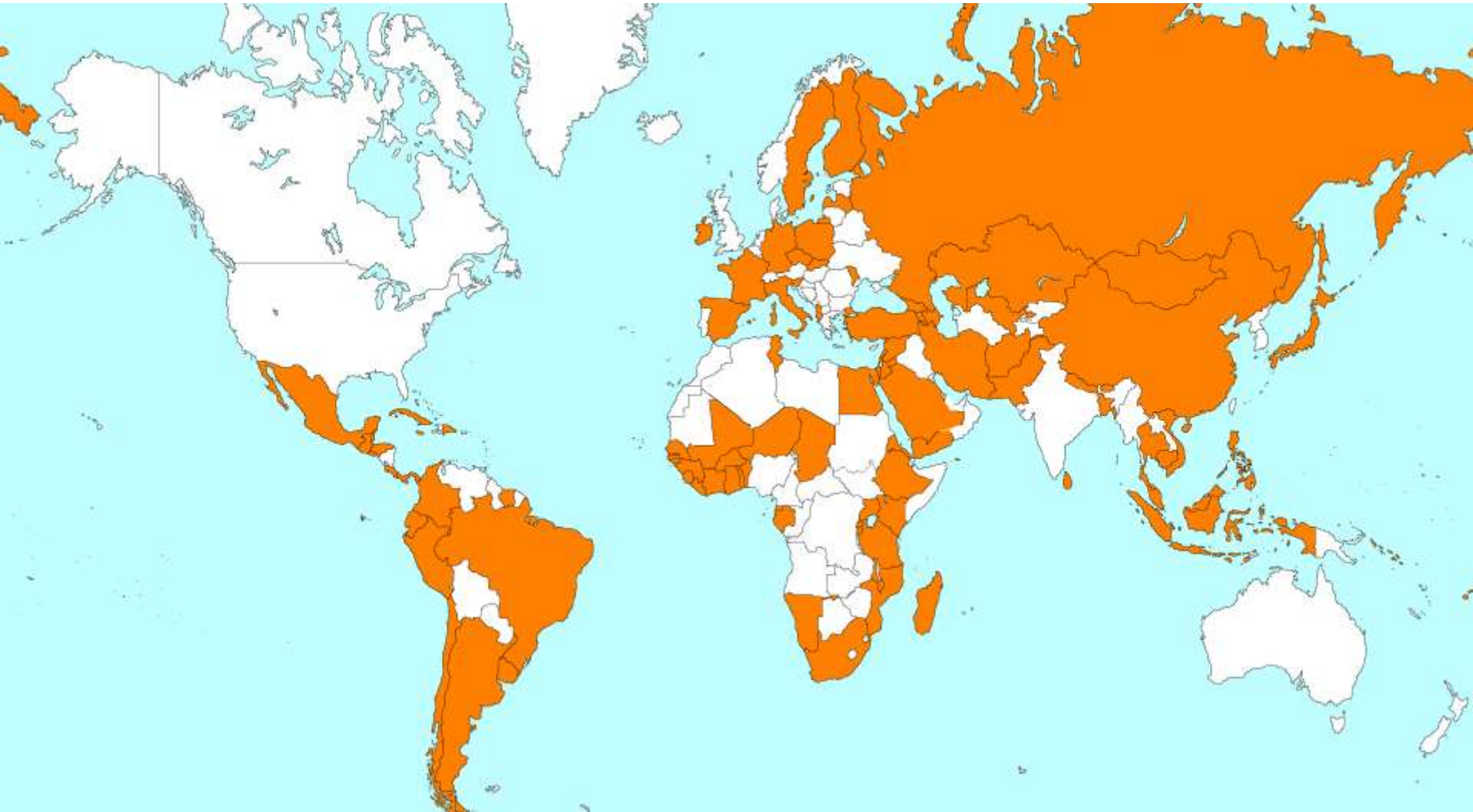
Structure:

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



National Designated Entities (NDEs)

111 NDEs have been selected by their countries as of 19 March 2015



CTCN Technical Assistance



Provided:

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

At all stages of the technology cycle:

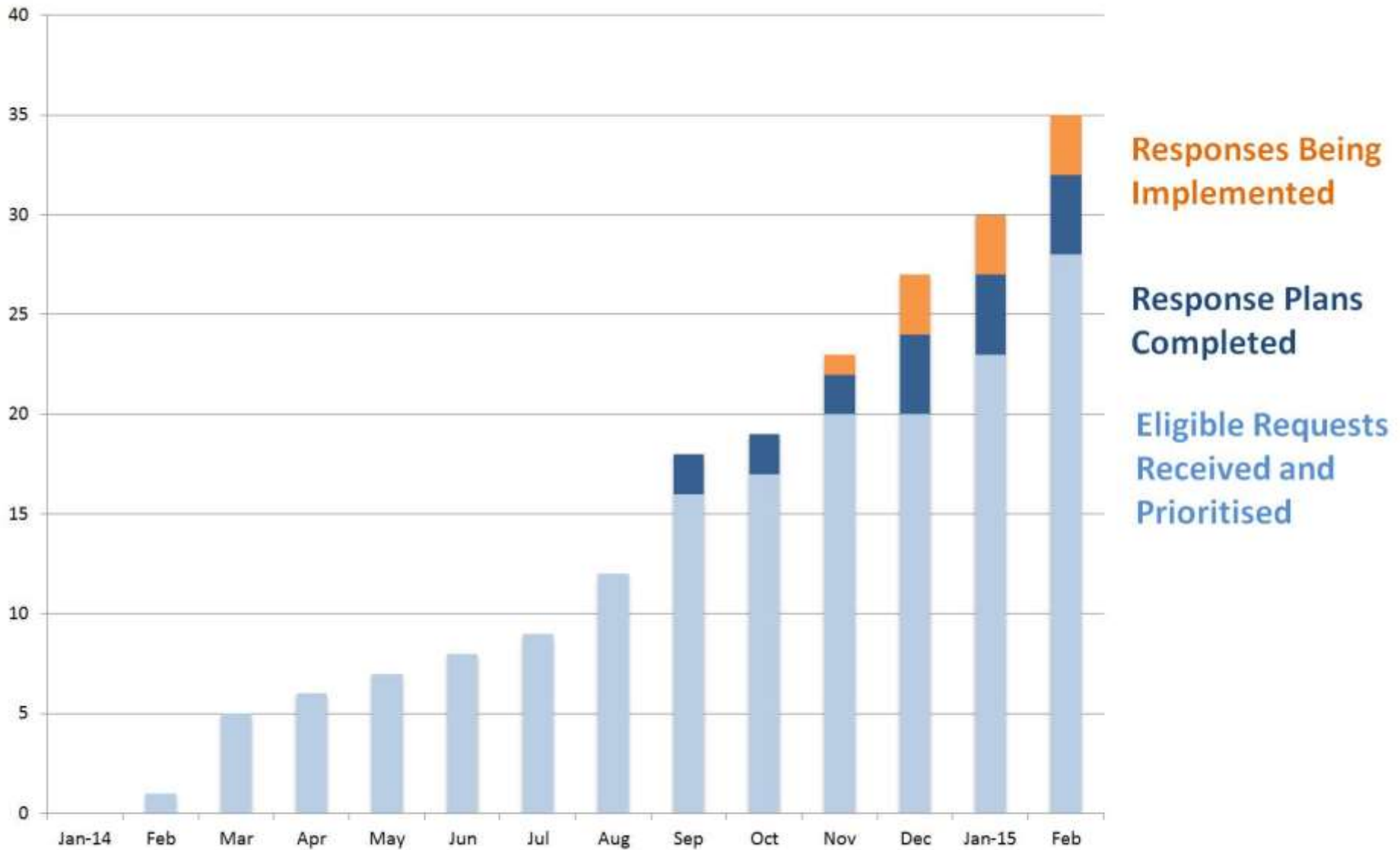
- From identification of needs;
- policy assessments;
- selection and piloting technology solutions;
- to assistance that supports technology customization and widespread deployment

CTCN Technical Assistance

CTCN country requests

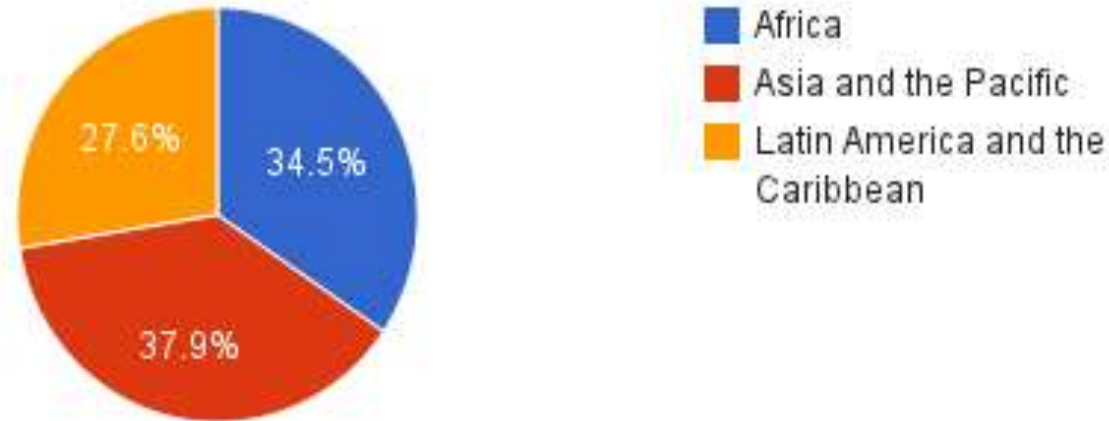


CTCN Services: I. Technical Assistance

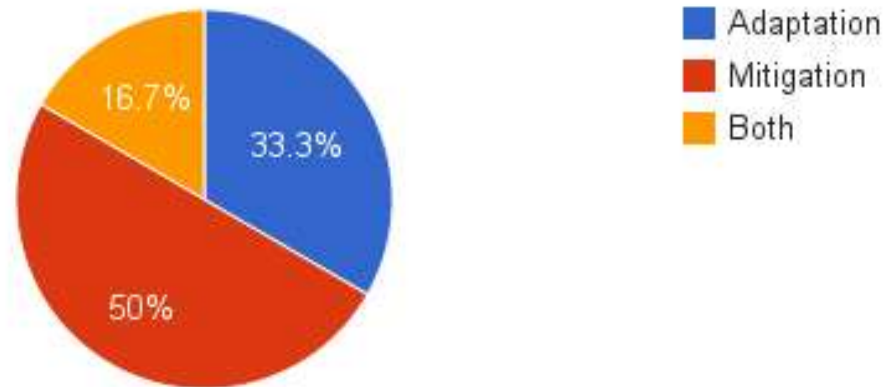


CTCN Services: I. Technical Assistance (cont)

Distribution by Region

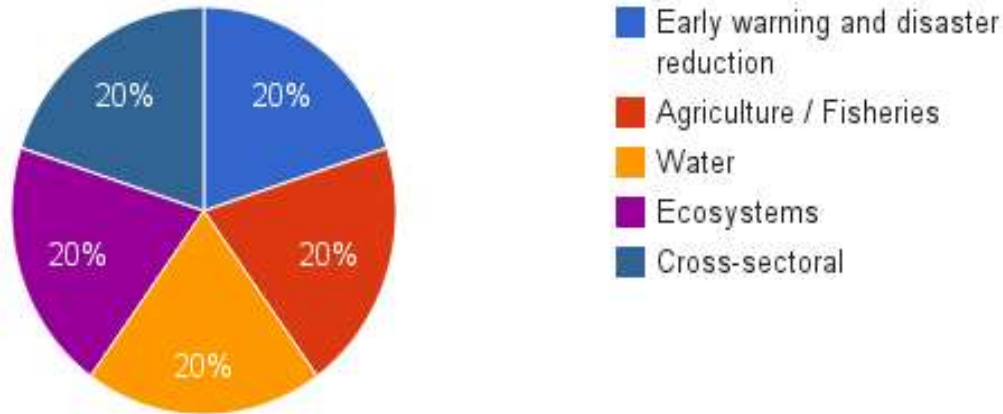


Distribution by UNFCCC Objective

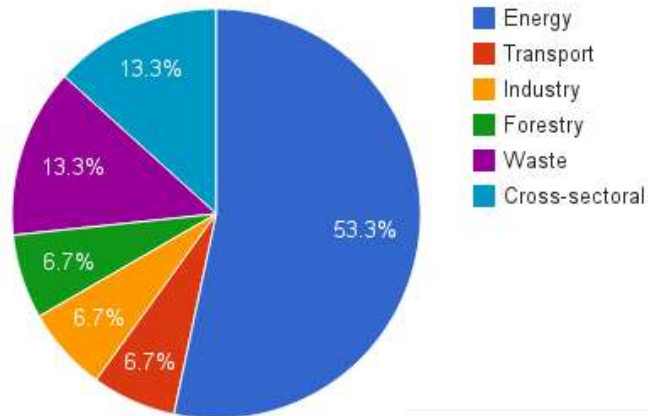


CTCN Services: I. Technical Assistance (cont)

Adaptation Requests by Sector



Mitigation Requests by Sector



Colombia: Energy efficiency and renewable energy



Applicant: Colombian Ministry of Environment and Sustainable Development

Request: Monitoring and evaluation of national energy efficiency and renewable energy strategies against national targets

Objective: To maintain Colombia's economic growth while reducing greenhouse gas emissions in productive sectors

Assistance:

- Assessment of incentives for energy efficiency (EE) and non-conventional energy sources (NCES) focused on fiscal incentives
- Design of a monitoring and evaluation mechanism to assess benefits derived and impact of national incentives

Response Expert Team:

- Fundación Bariloche (Buenos Aires, Argentina)
- National Renewable Energy Laboratories – NREL (Colorado, USA)

Iran: Photovoltaic Solar Cell Design & Manufacturing

Applicant: Iranian Ministry of Energy

Request: Guidance on the construction of a medium sized (1-5 MWp) solar photovoltaic plant to serve as a pilot project for the country

Objective: To learn how to independently design, produce and quality control the production of photovoltaic solar modules

Assistance:

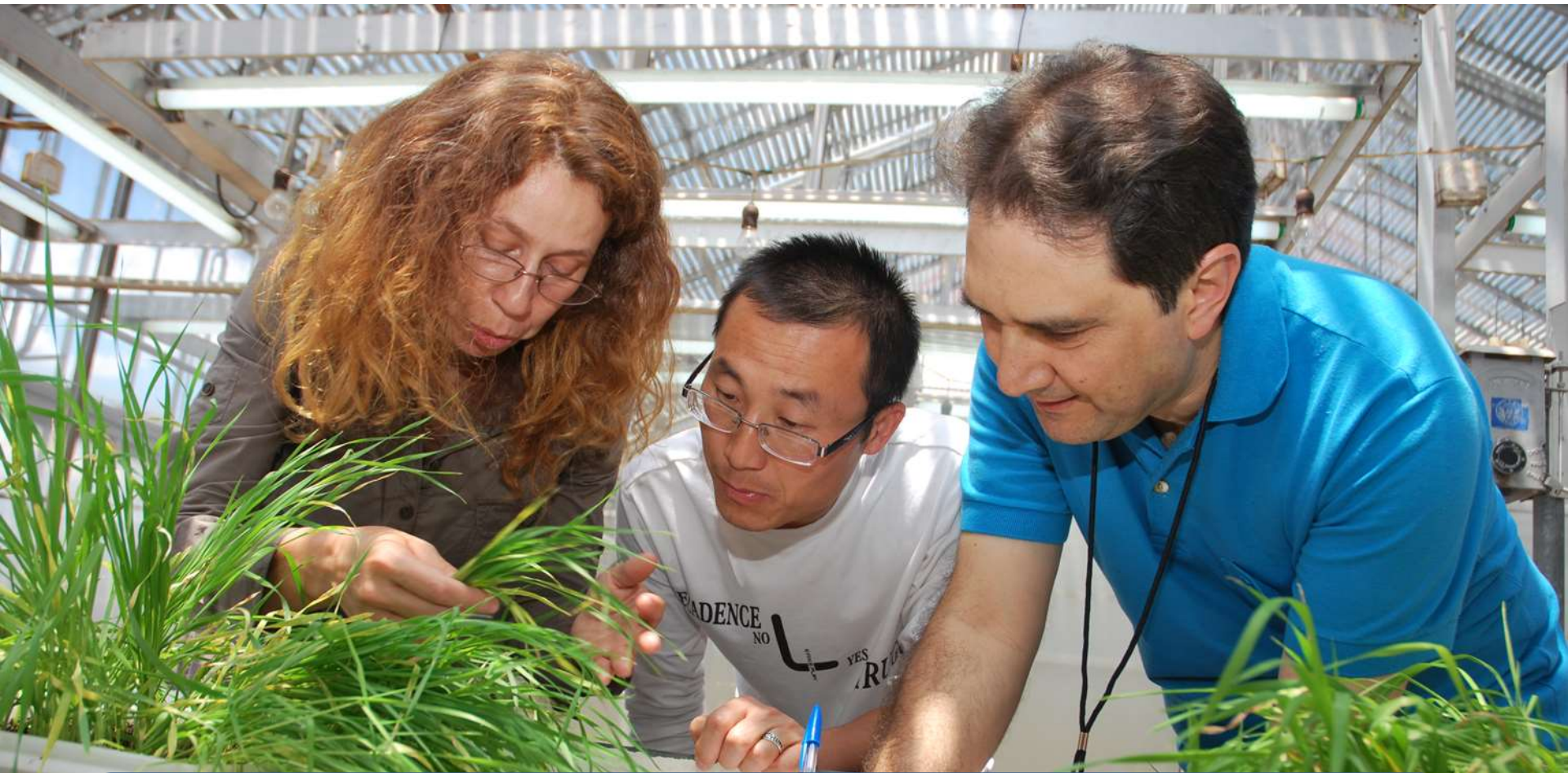
- Inventory of needs and requirements for PV pilot line and gap analysis
- preliminary design based on gap analysis
- financial analysis for budgeting purposes

Response Expert Team:

- The Energy and Resources Institute - TERI (New Delhi, India)
- The Energy Research Centre of the Netherlands -ECN (Petten, The Netherlands)
- UNIDO Representative (Iran)



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.

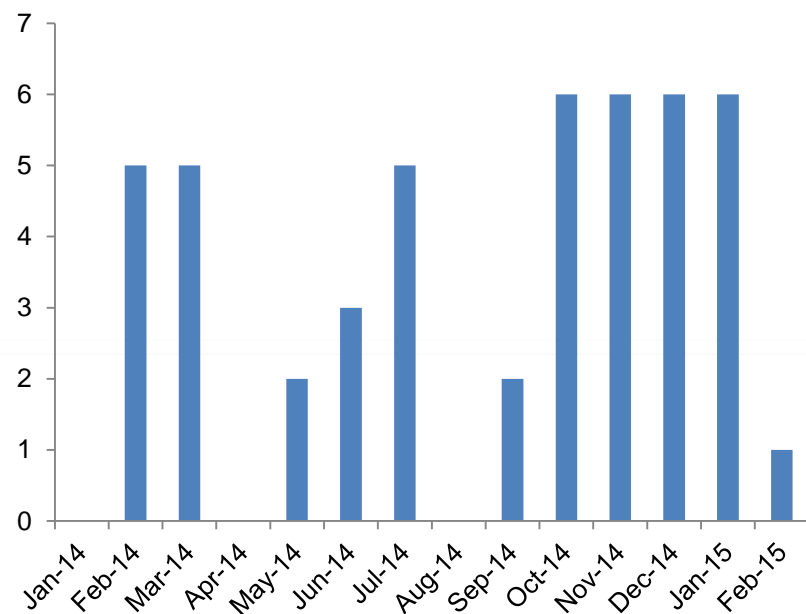
CTCN Consortium



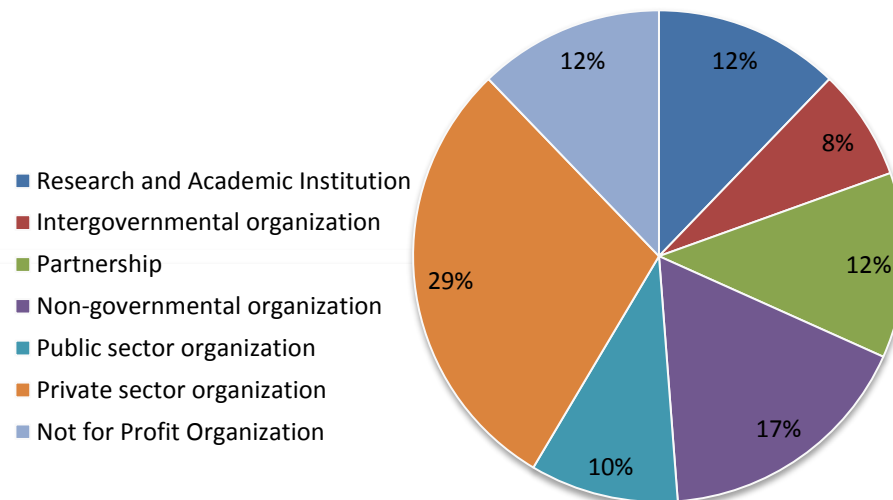
Network status

- 1. Total member: 44 (March 2015)**
- 2. Developing country representation**
- 3. Application per month:**

Annex I	22
Non-Annex I	13
International	9



4. Member by type of institution

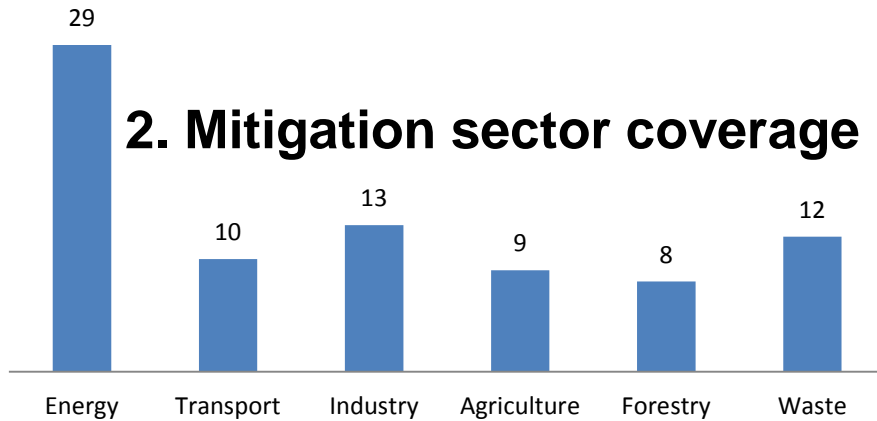


Members by expertise

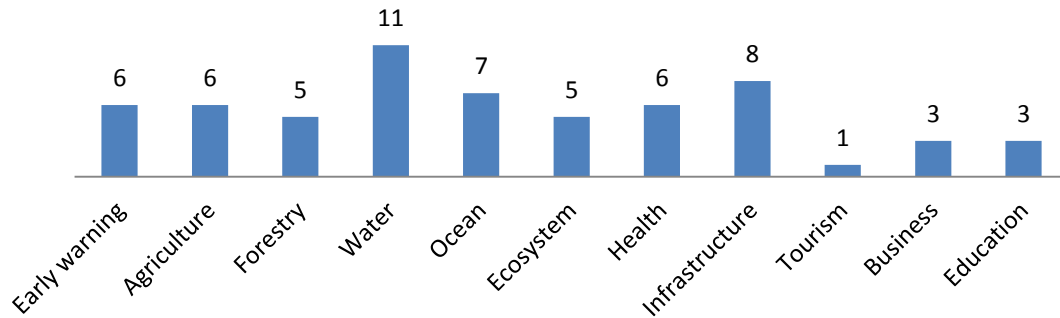
1. Regional coverage



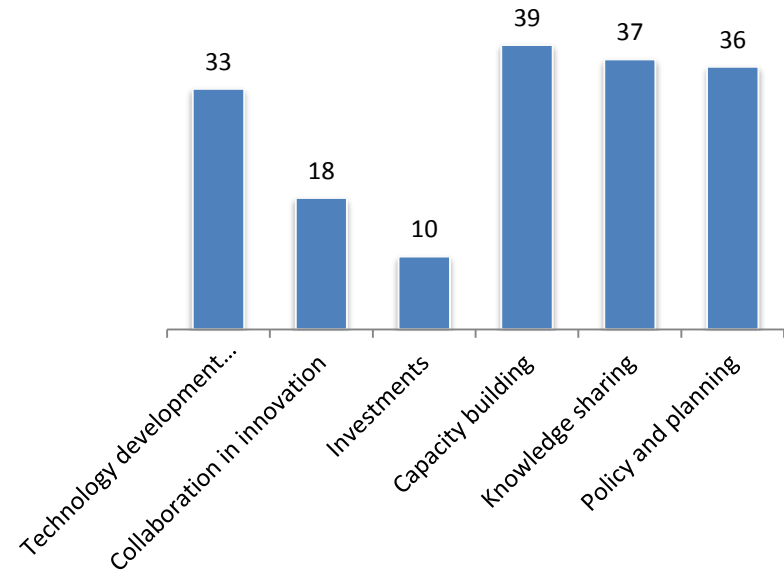
2. Mitigation sector coverage



3. Adaptation sector coverage



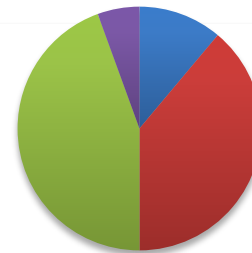
4. Service coverage



Request Incubator Programme for LDCs

Objective: On the job support to LDCs for accessing CTCN assistance, strengthening institutional capacities and reinforcing efforts for technology transfer

- Strong and engaged NDEs are key to success of CTCN assistance
- Support particularly needed in LDCs given their specific situation and vulnerability to climate change
- Non LDCs and upper-middle income countries more likely to submitting requests as of today



- Low-income
- Lower-middle income
- Upper-middle income
- High-income

- LDCs need tailored support to define and prioritize needs for assistance

Knowledge Management System

COP decision to [...] disseminate [...] outputs and facilitate knowledge sharing through a well-functioning information platform [...] and] to promote the collaboration between actors with seamless links to resources available from sources around the world.

- Adaptation and mitigation examples, information, tools, and reports from numerous sources
- Online trainings
- Greater visibility and coordination of existing efforts



The screenshot shows the homepage of the Climate Technology Centre & Network (CTCN). The header includes the CTCN logo and the tagline "Unlocking the power of technology for climate smart solutions". A navigation menu lists: HOME, ABOUT CTCN, ADVISORY BOARD, TECHNICAL ASSISTANCE, CAPACITY BUILDING, NETWORK, NEWS & MEDIA, EVENTS, CONTACT. The main content area features a large image of a modern transit station with a "Webinar" overlay titled "URBAN TRANSPORTATION TECHNOLOGIES THAT ADDRESS CLIMATE CHANGE (11 FEBRUARY 2015)". To the right, a "Facts" box lists: 21 requests, 1341 resources, 24 network members, 104 NDCs. Below this is a "Technical Assistance" section with a "Submit a request" button. The "Explore by Sector" section displays icons for Agriculture, Biodiversity, Coastal Zones, Energy, Fisheries, Forestry, Health Systems, Industry, Transport, Waste, and Water. The "Explore by Region" section shows a world map with regions color-coded. On the right side, there is a "Related climate change portals" list including GAN, GREEN, REEEP, TECO, AAKNST, APAN, RESA-TTA, and SEAN-OC. Below that is a "Follow us" section with Twitter and Facebook icons, and a "Join us" button.

KMS Events



- Emerging alliance of around 50 of the leading global, regional and national knowledge brokers specialising in climate and development information.
- Diverse set of information players, from international organisations to research institutes, NGOs and good practice networks, and covers the full breadth of climate related themes.
- Focus on primarily online initiatives, and those that play an explicit knowledge brokerage role, rather than being simply institutional websites.

**CKB Workshop 22-25 June 2015
Copenhagen, Denmark**



United Nations
Framework Convention on



For more information, please visit:

<http://ctc-n.org>



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