



# Connecting Countries with Technology Solutions

Jukka Uosukainen  
CTCN Director

[www.ctc-n.org](http://www.ctc-n.org)  
[ctcn@unep.org](mailto:ctcn@unep.org)



# Climate Technology Centre and Network (CTCN)

- Operative arm of the UNFCCC Technology Mechanism
- Working for National Designated Entities
- In partnership with:
  - UNEP, UNIDO, UNFCCC
  - 11 independent, regional and global consortium partner organizations with expertise in climate change technologies
  - International network of 100+ academic, multilateral, NGO and private sector institutions
  - Strategic Partner DNV GL



# Consortium partners



# 100+ Network Partners





# 100+ Network Partners



# Network profile

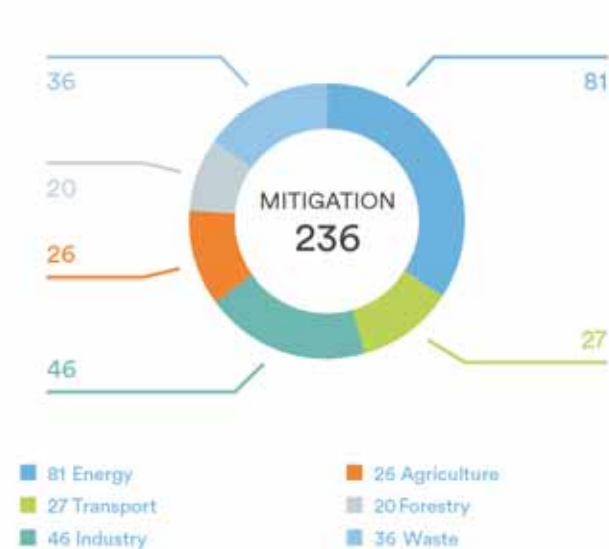
CHART

## Sectoral expertise within adaptation

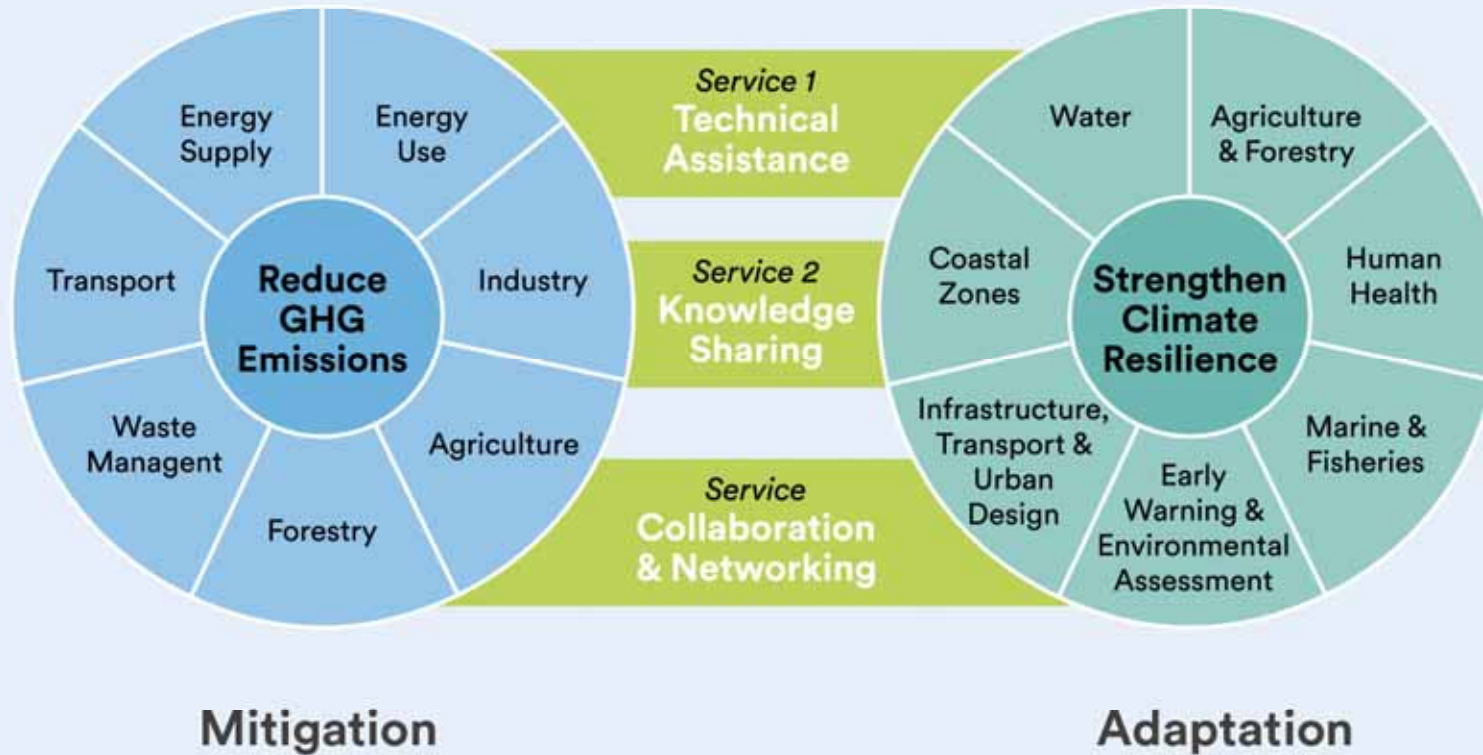


CHART

## Sectoral expertise within mitigation



# CTCN service areas and core sectors

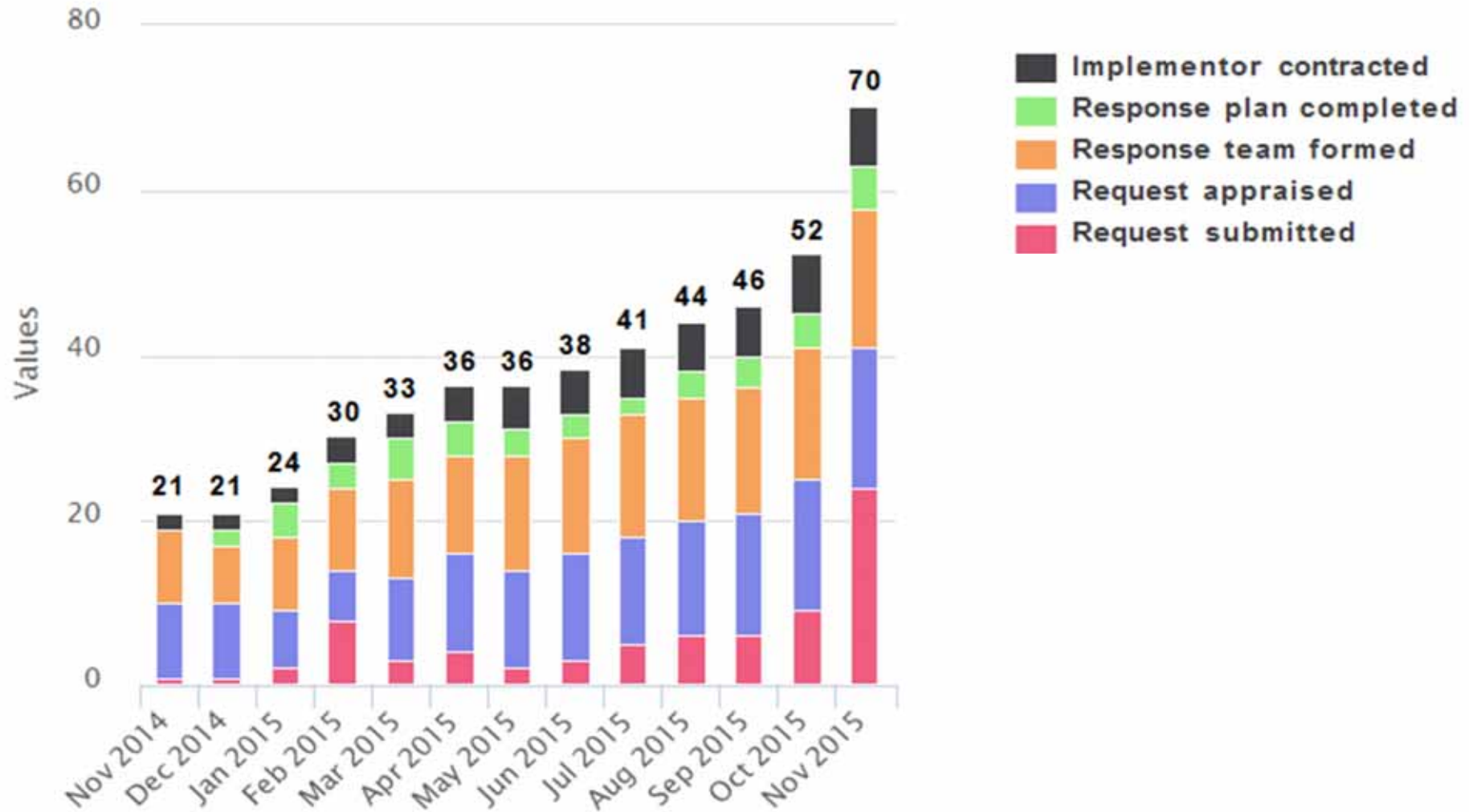


- Country-driven process matching needs with Network technology expertise
  - Funded primarily by contributions from developed country parties
- Four step process:
1. Local proponent works with NDE to submit TA request.
  2. NDE conveys request to CTCN.
  3. Team of CTCN experts collaborate with NDE to develop a tailored solution.
  4. Response plan is implemented.

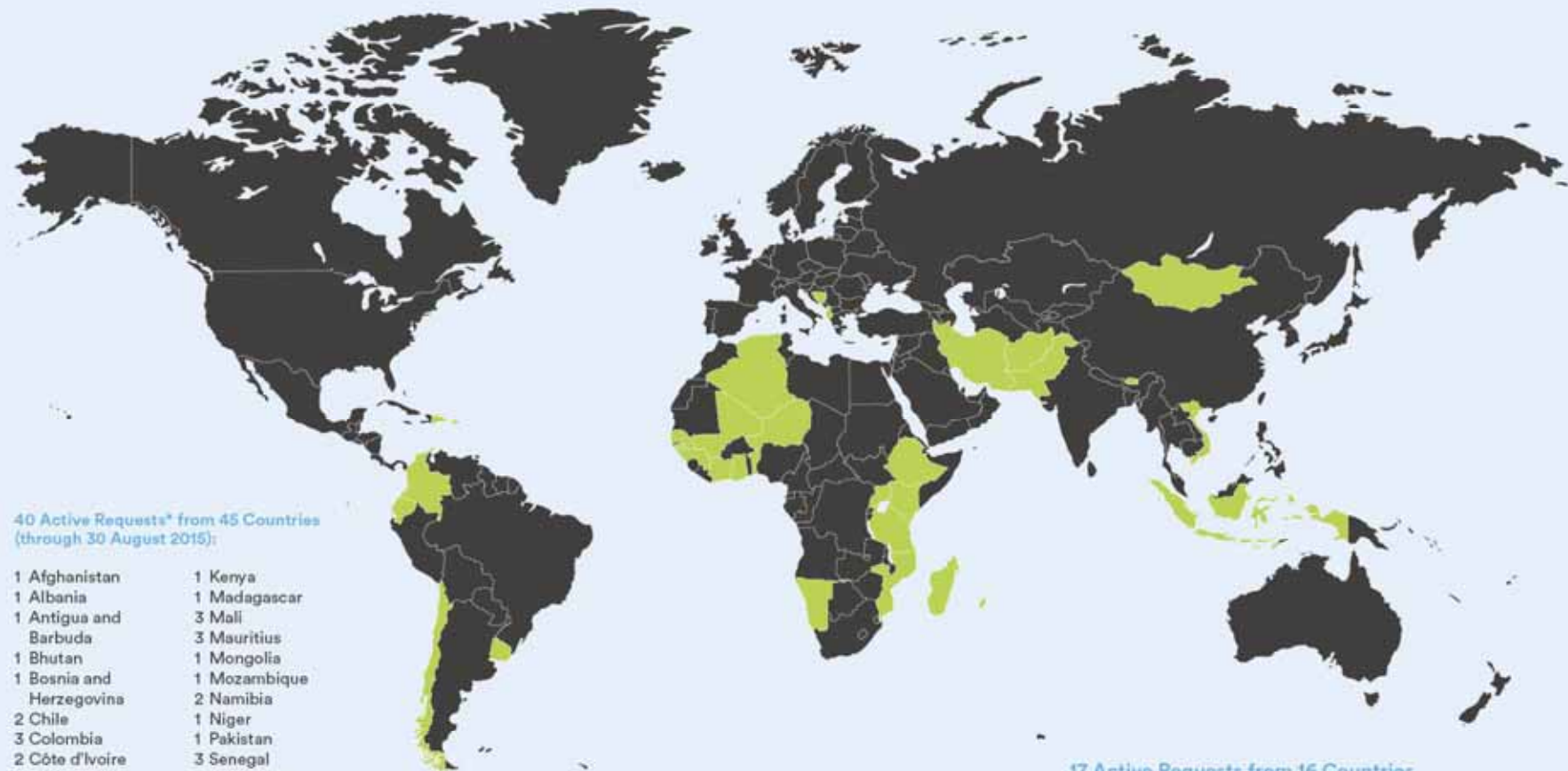




# Technical assistance requests over time



## Technical Assistance Requests by Country



40 Active Requests\* from 45 Countries  
(through 30 August 2015):

1 Afghanistan	1 Kenya
1 Albania	1 Madagascar
1 Antigua and Barbuda	3 Mali
1 Bhutan	3 Mauritius
1 Bosnia and Herzegovina	1 Mongolia
2 Chile	1 Mozambique
3 Colombia	2 Namibia
2 Côte d'Ivoire	1 Niger
2 Dominican Republic	1 Pakistan
1 Ghana	3 Senegal
1 Guinea	1 Syrian Arab Republic
1 Guinea Bissau	1 Uganda
5 Indonesia	1 Uruguay
2 Iran (Islamic Republic of)	1 Vietnam

\*2 requests are considered ineligible; 2 are inactive and thus are not listed here.

17 Active Requests from 16 Countries  
(1 Sept. – 26 Nov. 2015):

1 Algeria	2 Kenya
2 Benin	1 Mali
3 Ecuador	2 Tanzania
1 Ethiopia	1 Uruguay
1 Iran	3 Vietnam

## CTCN Response

- Facilitate prioritisation of most promising water scarcity technology solutions
- Strengthen project design for the prioritized water scarcity technologies
- Identify opportunities for financial investment and/or technical assistance
- Jointly organize and host public and private sector investor roundtable

## Expected Results

- Increased investor interest and opportunities created
- Strengthened project concepts
- More advanced vision of priorities and the path to addressing water scarcity challenges

## Namibia

Facilitating financing to address increasing water scarcity

—  
Adaptation  
Water



## CTCN Response

- Strengthen and modernize protocols to communicate extreme weather events
- Identify most relevant information technologies to convey to the public (including mobile phone app)
- Broker private financing for development and scale up of the early warning communication protocol

## Results

- Analysis of existing Early Warning Systems (EWS) affecting the area and ways to improve them
- Strategy and action plan for using new information and communication technologies (especially smartphones and apps) for dissemination of early warnings to the public
- Action plan to attract investment for scaling up the communication protocol with potential public and private sector investors

## Dominican Republic

### Early Warning Communication Protocol





## CTCN Response

- Support the selection of appropriate technology options for paddy drying, briquette production and combustion
- Identify a business development strategy for industrial use

## Expected Results

- Support for informed decision making and investment in selected enterprises
- Scaling-up of resource efficient and cleaner production improvements
- Strong climate change Mitigation potential

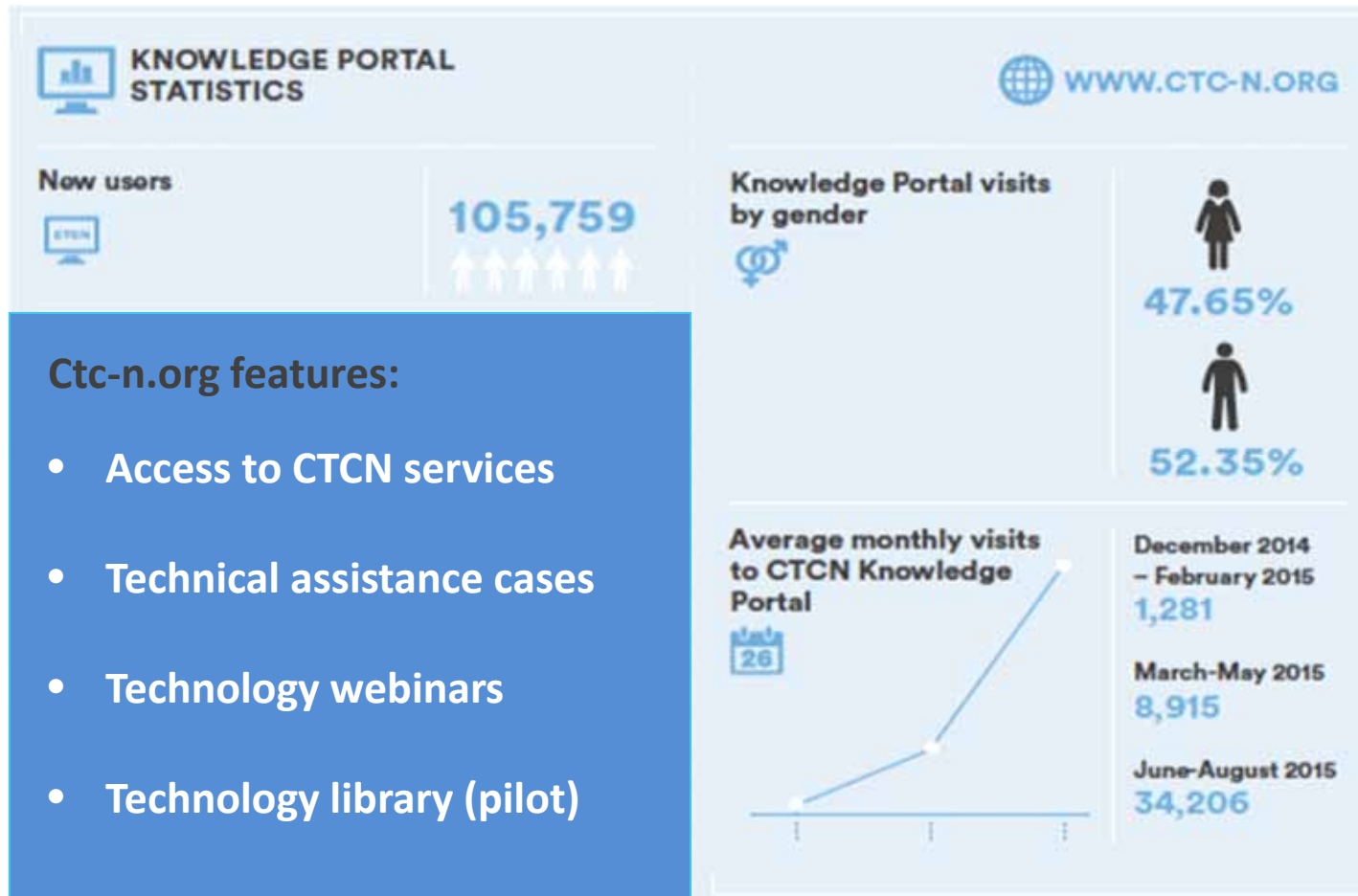
## Vietnam

Bio-Waste Minimization and Valorization for Low Carbon Production in Rice Sector



Mitigation  
Agriculture

# Knowledge Sharing



# Capacity Building

- CTCN enhances human and institutional capacity via regional forums:
  - 236 individuals from 120+ countries trained on accessing CTCN services;
  - Interactive sessions with NDEs, GCF, Development Bank, and private sector representatives
- Plans for 2016 include thematic workshops and launch of stakeholder/private sector platform
- Tailored support to LDCs: Incubator Programme



Regional training workshop in Senegal, June 2015

## Network member engagement

**Partnership:** Expand collaboration through partnerships and learn about emerging areas of practice.

**Commercial opportunities:** Access bidding for delivery of CTCN technical assistance services.

**Experience sharing:** Monitor and share current climate technology trends.

**Visibility:** Broaden your reach by engaging in new technology projects and presenting workshops on your fields of expertise.

**Outreach:** Replicate experience in multiple countries.





## The way forward...

- CTCN is actively engaging with development finance institutions (eg. GCF, GEF, MDB)
- And with the private sector as well (increasing Network engagement)
- De-risking climate technology options for implementation
- And enabling clean technology solutions.



Photo: Leo Sebastian (IRR-CCAFS)

# Thank you



CLIMATE TECHNOLOGY CENTRE & NETWORK



Governments of Switzerland  
and Germany

[www.ctc-n.org](http://www.ctc-n.org)

[ctcn@unep.org](mailto:ctcn@unep.org)