

CTCN: Enabling Technology Transfer

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CTCN Forum for NDEs
of West Asia

3-4 April 2016
Cairo, Egypt



Climate Technology Centre and Network (CTCN)

- Operative arm of the UNFCCC Technology Mechanism
- Working for National Designated Entities
- In partnership with:
 - UNEP, UNIDO
 - 11 independent, regional and global consortium partner organizations with expertise in climate change technologies
 - International network of 135+ academic, multilateral, NGO and private sector institutions
 - Strategic Partner DNV GL



Consortium partners



The Netherlands

Denmark

Germany



United States

Costa Rica

Argentina

Senegal

South Africa

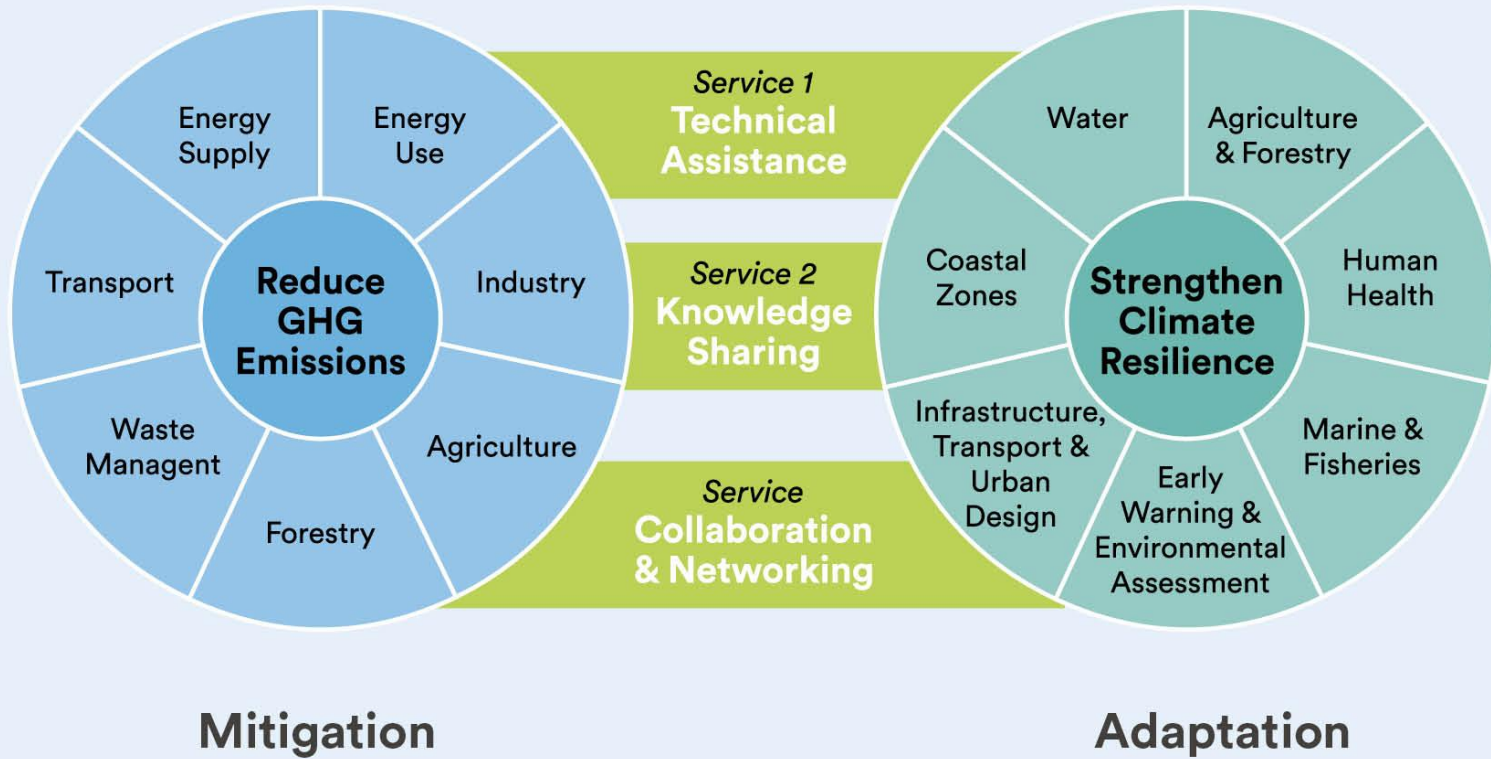
Kenya

India

Thailand



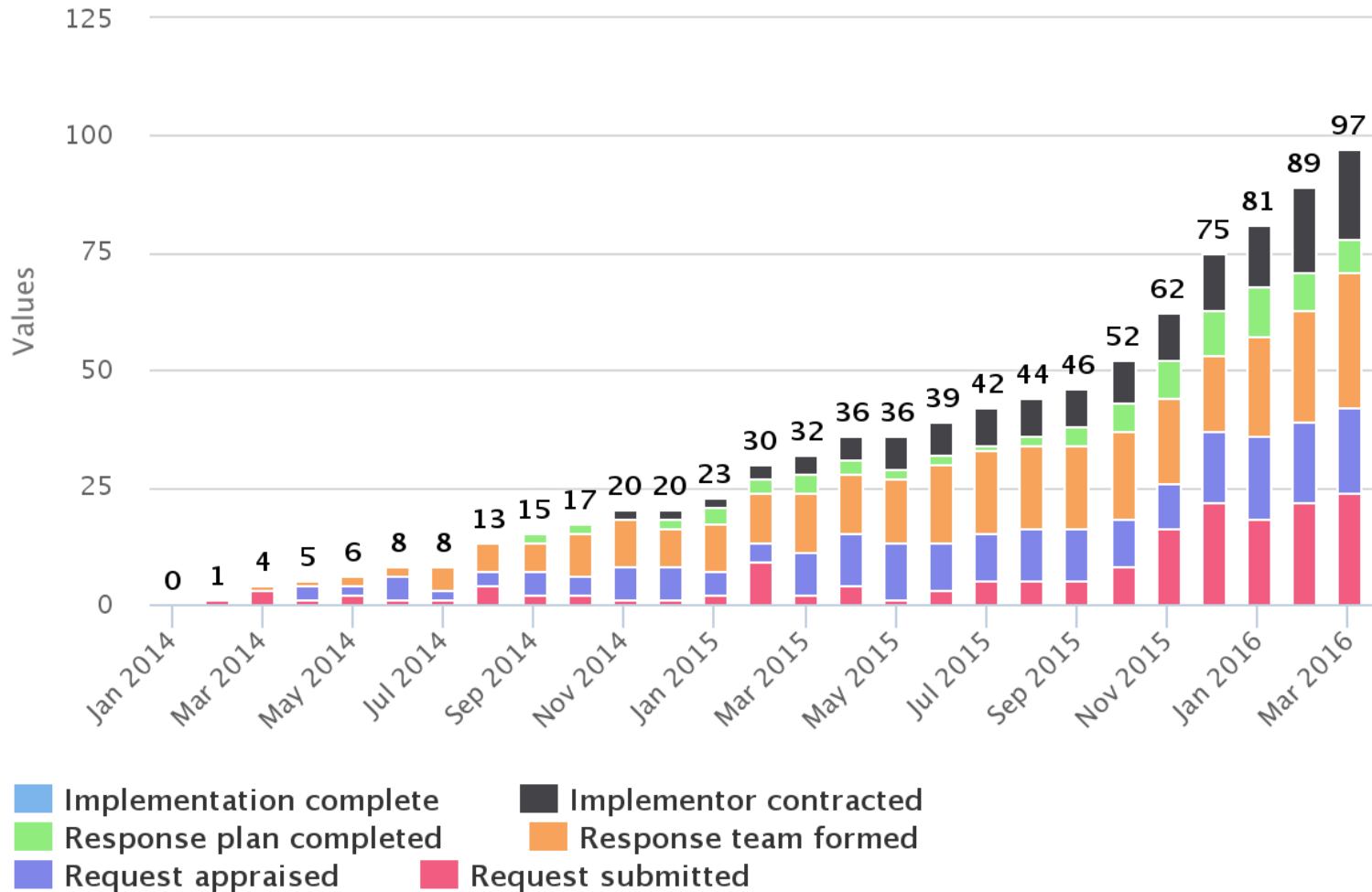
CTCN service areas and core sectors



- 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.

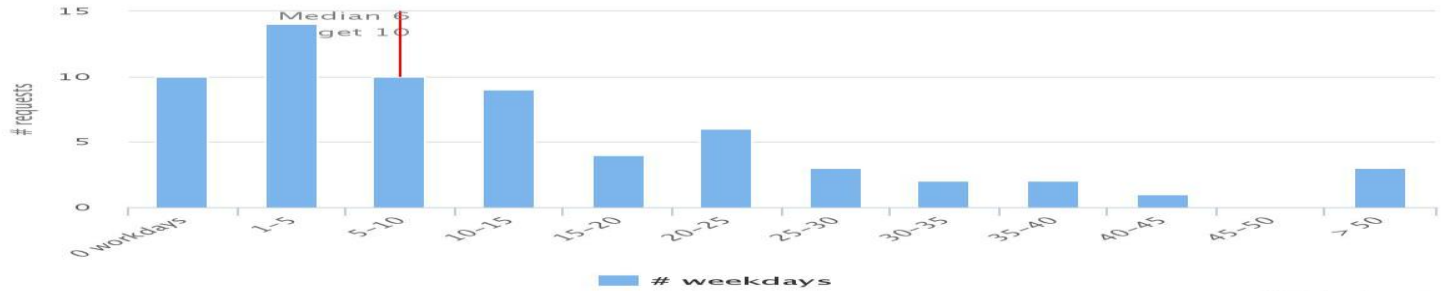


Status of CTCN requests and responses



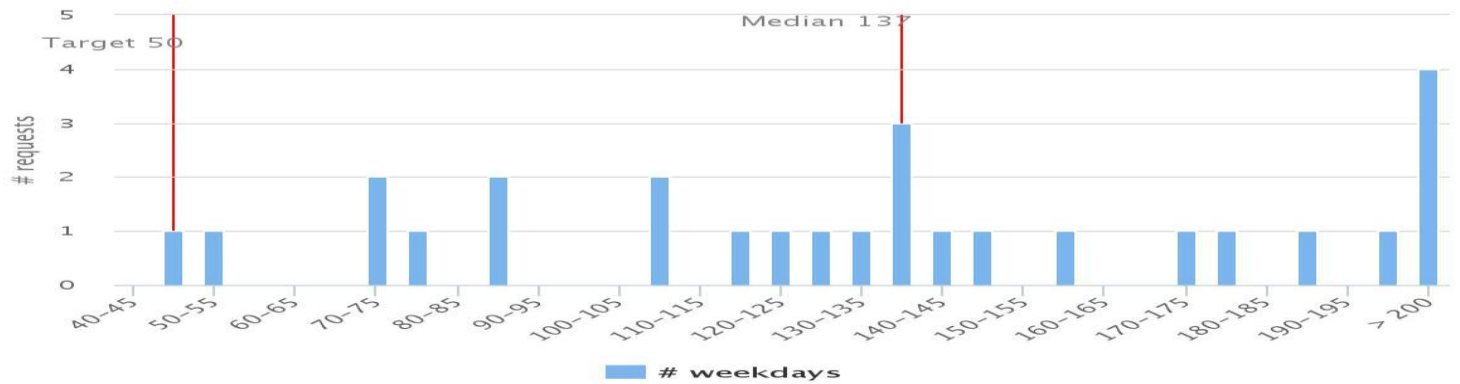
Timeliness

Time until appraisal decision



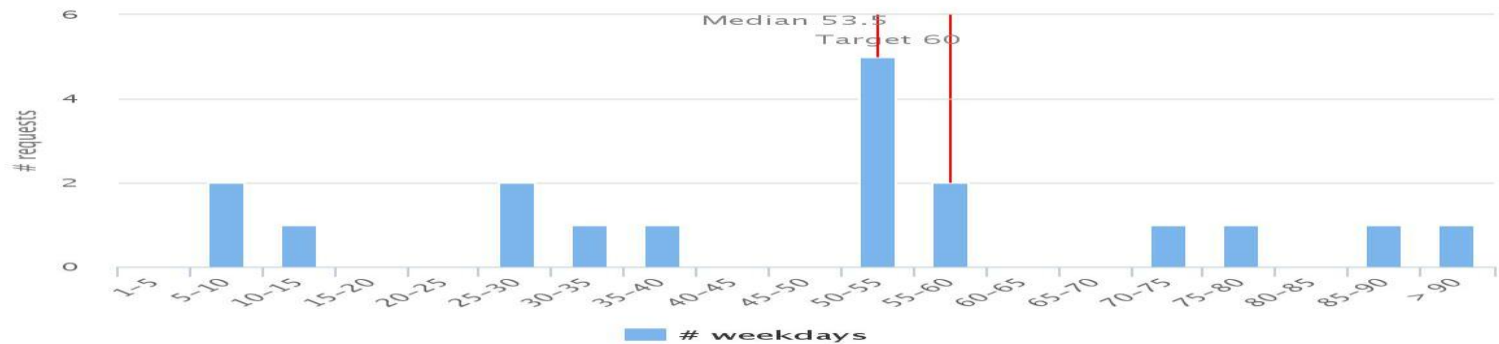
Highcharts.com

Time until finalized response plan



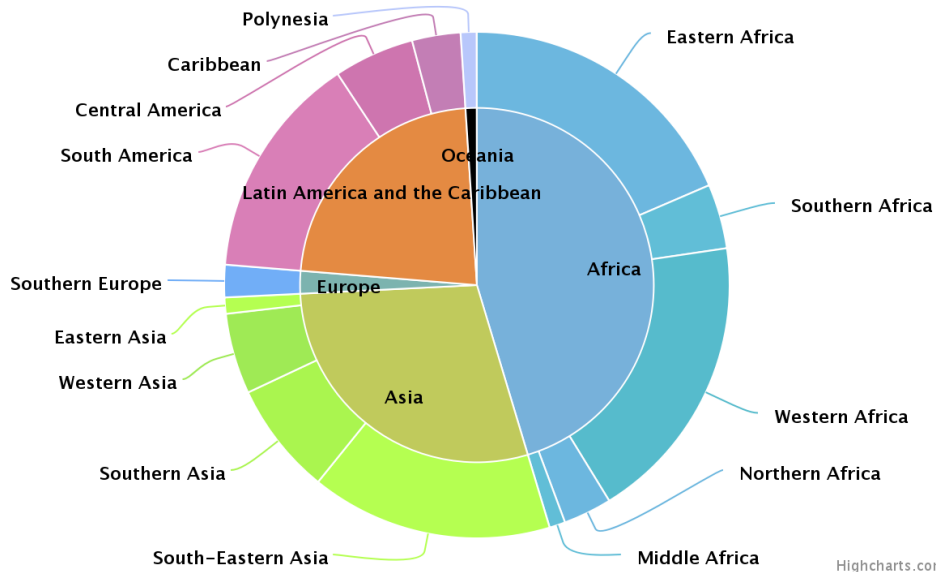
Highcharts.com

Time until implementer is contracted

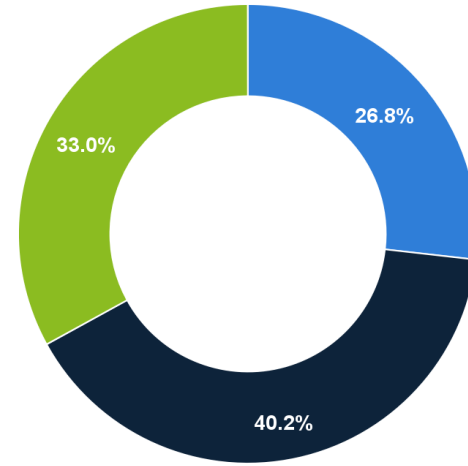


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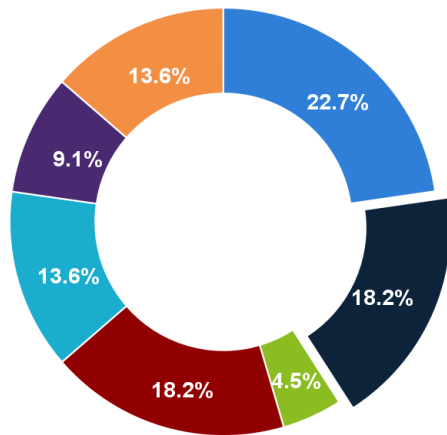
Technical Assistance - Distribution



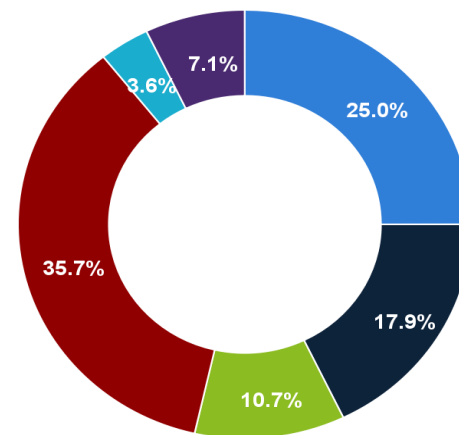
Highcharts.com



■ Adaption ■ Mitigation ■ Adaption and mitigation



■ Agriculture and forestry ■ Cross-sectoral
 ■ Infrastructure, Transport and Urban design ■ Water
 ■ Early Warning and Environmental Assessment ■ Agriculture ■ Coastal zones



■ Energy use ■ Waste management ■ Cross-sectoral ■ Energy supply
 ■ Infrastructure, Transport and Urban design ■ Industry

Technical Assistance – Algeria

- Support to the design and construction of a ground-based photovoltaic plant of 1MW rated capacity (implementation under preparation)

Barrier to technology transfer: Government plans to create photovoltaic plant, but there is need for technical guidance on engineering and procurement aspects

Expected support: design plant concept including grid connection and requirements, identify main procurement, institutional and regulatory issues

- Support establishment of a laboratory for accreditation and quality control of photovoltaic modules (under screening)

Barrier to technology transfer: Government wants to create a laboratory to control and test photovoltaic modules, but lack of capacities to test quality of the modules



Expected support: advice to select most appropriate equipment, support and training to support international accreditation

- Capacity Building support to Prepare Project Proposal to access Funding (assistance under design)

Barrier to technology transfer: Wide number of project ideas and concepts but no capacities to translate them into fully fledged proposals that can trigger funding

Expected support: Training of 25 engineers from relevant ministries to develop funding proposals, expert advice to develop of 3 proposals in each of the priority sectors: energy, water and agriculture

- Support the Accreditation of JSMO Energy Efficiency Lighting Laboratory in Jordan

Barrier to technology transfer: the national lighting laboratory needs international accreditation to ensure results are reliable and trusted

Expected support: Assist with proficiency test, training on test methods, lighting standards and regulations, and expert advice on all important elements to get accreditation

135+ Network Members (and growing)



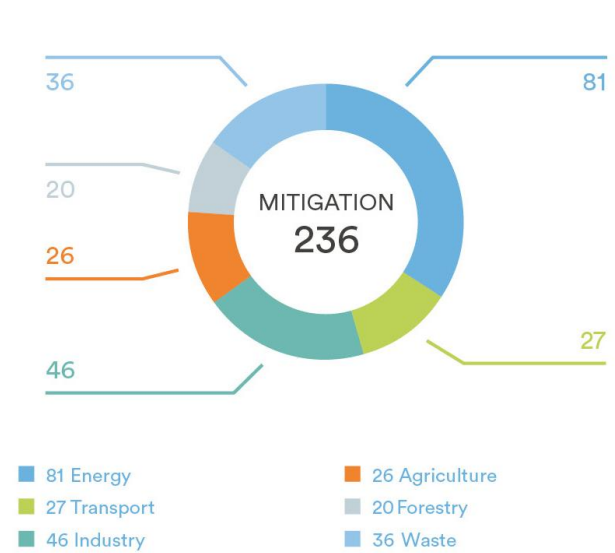
CHART

Sectoral expertise within adaptation



CHART

Sectoral expertise within mitigation



Network member benefits

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.



- CTCN portal: resource for tech case studies and publications
- Since its launch at COP20:
 - >4000 users / 200 different countries to ctc-n.org.
 - >100,000 website visits
- Partnered with Consortium and Network members to host 21 webinars attended by >1500 stakeholders
- Tech Library of proven and emerging low carbon and climate-resilient technologies, showcased by target sector



Active engagement with CKB, REEEP & CDKN

KNOWLEDGE PORTAL STATISTICS

WWW.CTC-N.ORG

New users



105,759



Developing country users vs. developed country users



31.5%

vs.

68.5%

Knowledge Portal visits by gender

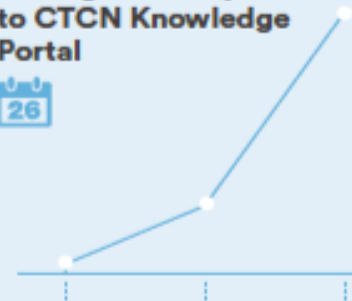


47.65%



52.35%

Average monthly visits to CTCN Knowledge Portal



December 2014 – February 2015
1,281

March-May 2015
8,915

June-August 2015
34,206

- CTCN enhances human and institutional capacity via regional workshops:
 - 236 individuals from 120+ countries trained on accessing CTCN services;
 - Interactive sessions with NDEs, GCF, Development Bank, and private sector representatives.
- Country-based, tailored to national circumstances
- Plans for 2016 include thematic workshops and launch of stakeholder/private sector platform



Regional training workshop in Tonga, Feb 2016

Targeted Capacity Building for LDCs

- The Incubator Programme provides tailored support to Least Developed Countries to:
 - Access CTCN technical assistance services
 - Coordinate national activities related to climate technologies
 - Identify funding mechanisms for climate technologies
 - Demonstrate concrete achievements for climate technologies

13 participating countries:

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

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



Photo: Leo Sebastian (IRRI-CAFS)

Thank you



Norwegian Ministry
of Foreign Affairs



European
Commission

UDENRIGSMINISTERIET
DANIDA

Canada



METI
Ministry of Economy, Trade and Industry

 環境省
Ministry of the Environment


MINISTRY FOR FOREIGN
AFFAIRS OF FINLAND



Comhshaol, Pobal agus Rialtas Áitiúil
Environment, Community and Local Government

Governments of Switzerland
and Germany

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