CTCN Requests in a Snapshot – As of 23 April 2015

The interest of Non-Annex 1 countries in CTCN technical assistance and the formal submission of requests have grown steadily since the CTCN opened for business in December 2013. As of 23 April 2015, 22 Non-Annex 1 Parties have formally submitted a total of 31 requests for technical assistance to the CTCN[1]. Among those requests, 8 have finalized response plans, including 6 for which the responses are currently under implementation. Both the number of requests and their progression by stage of development has increased each month, and this trend is anticipated to continue.
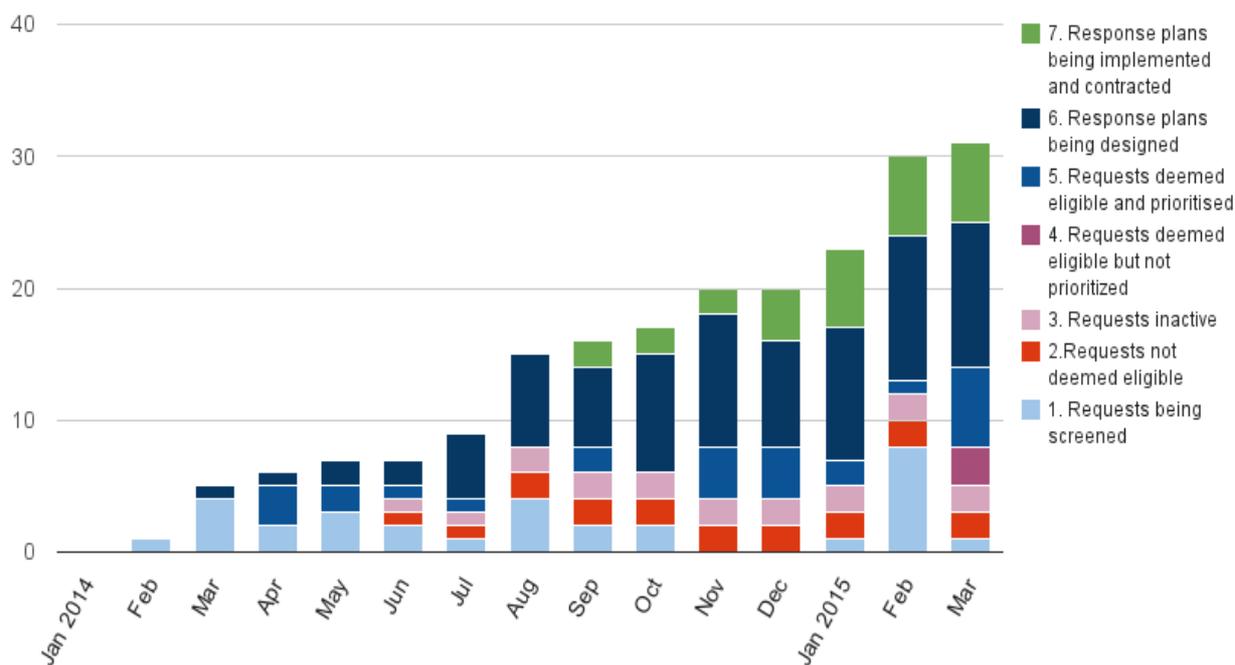

Figure 1: Status CTCN Technical Assistance Requests and Responses

Based on current prioritization criteria approved by the Advisory Board, most of the requests submitted to the CTCN have been deemed eligible. To date, out of the 31 requests for technical assistance submitted to the CTCN, only 2 have not been deemed eligible. A number of requests that are deemed eligible have a wide scope of activities that need to de further refined and narrowed down when developing the response plan of the assistance. In March 2015, CTCN incurred its first cases of requests that were deemed eligible, but not prioritised at this time (2 requests). We anticipate the number of requests deemed eligible but not prioritised will increase in the coming month.

At present, the highest number of requests comes from countries with lower-middle-income economies (48% of requests), before countries with upper-middle-income economies (31%) and countries with low-income economies (10%) and high income economies (10%). Among these requests, only 16% have been submitted by Least Developed Countries (LDCs). In addition 13% of the requests have been submitted by Small Island Developing States (SIDS).

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[1] More potential requests are in the pipeline or under discussion notably related to generation of requests for the GEF proposal.
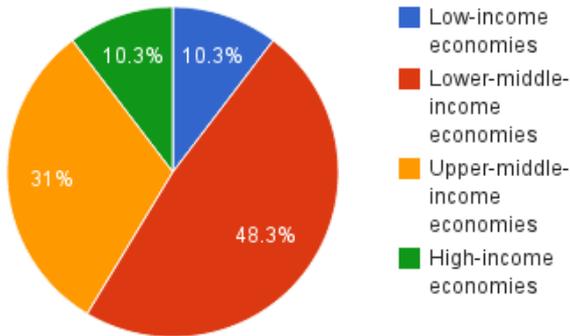
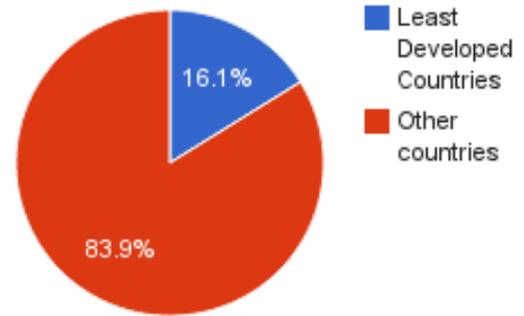*Figure 2: Distribution of requests per level of income[2]*

Figure 3: Share of requests from LDCs

Requests are well distributed among the different regions, with 12 requests received from Asia and the Pacific, 10 from Africa, and 9 from Latin America and the Caribbean. Two of these requests are multi-country requests.

Most requests submitted are seeking assistance at the national level. Among all requests submitted to date, 69% have a national focus, while 13% have a sub-national focus (province, city), and 7% have a community focus.
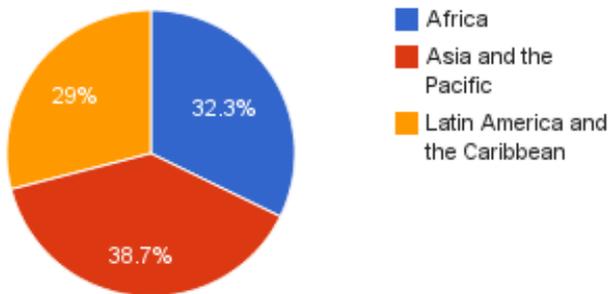

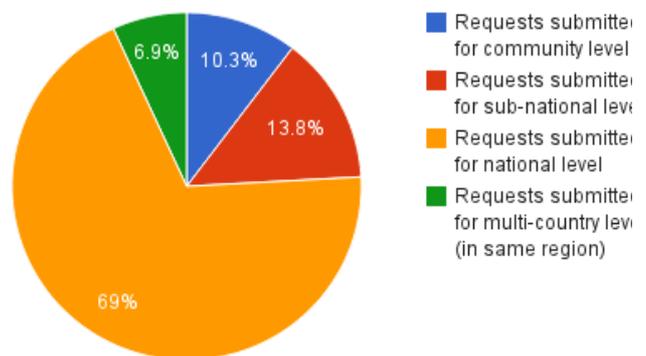*Figure 4: Distribution of requests by region[3]*

Figure 5: Distribution of requests by geographical focus

Requests focusing on adaptation technologies are less frequent. The majority of requests proposed by countries to the CTCN are in majority related to mitigation and low carbon development technologies (39%), or cross-thematic (51 %), while 32% are focused on adaptation technologies. In addition, 16 % of requests are related to both mitigation and adaptation themes.
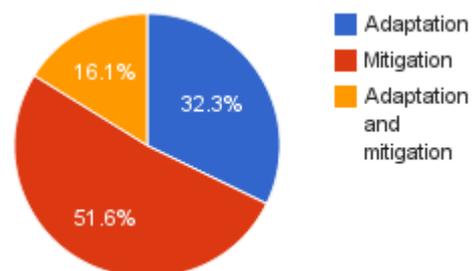

Figure 6: Distribution of requests by theme

This distribution of requests is consistent with TNA findings about the overall difficulty of identifying and formulating climate technology needs for climate adaptation. This also confirms the importance of clarifying and communicating what technologies for adaptation exists and that CTCN can support. To this end, the CTCN is sharpening its articulation of technology options for adaptation within the database on its Knowledge Management System, in collaboration with leading climate knolwedge organisations, inluding through the Knowledge Brokers Group.

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[2] Based on the World Bank classification of the world's economies based on estimates of GNI per capita for the previous year. As of 1 July 2013, the World Bank income classifications by GNI per capita are as follows: Low income: $1,035 or less ; Lower middle income: $1,036 to $4,085 ; Upper middle income: $4,086 to $12,615 ; High income: $12,616 or more.

[3] Classification of regions used by the UN Secretariat and UNFCCC

Requests proposed to the CTCN cover a wide range of sectors and technologies, providing further information on Non-Annex 1 country needs. Request related to both adaptation and mitigation are mainly directed at technology prioritisation, and at institutional development and strengthening. Among adaptation requests, early warning, agriculture, water and ecosystem-based adaptation are identified as priorities. The remaining cross-sectoral requests are seeking support for monitoring adaptation efforts. Mitigation requests cover a wider range of sectors, with almost the majority concerning energy directly. Support for policy and planning is also an important part of cross-sectoral mitigation requests.
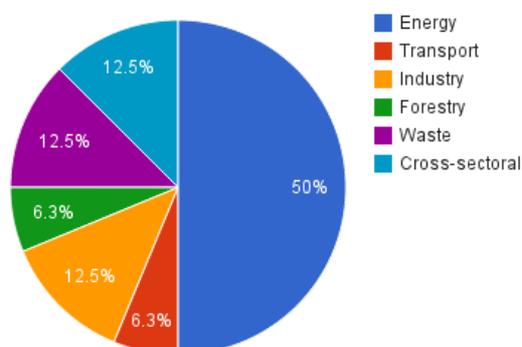

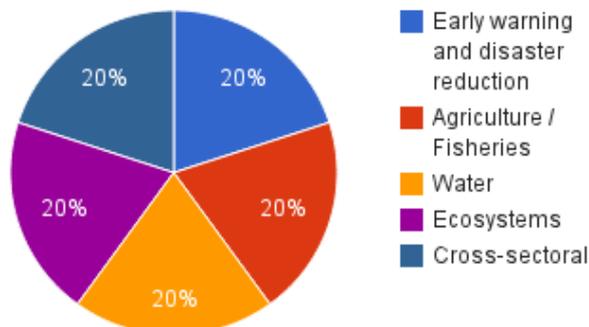*Figure 7: Distribution of requests related to mitigation, by sector*

Figure 8: Distribution of requests related to adaptation, by sector

The vast majority of requests have been submitted by countries that have conducted a Technology Needs Assessment (TNA) between 2009 and 2013. Considering all countries that have conducted a 'Second generation' TNA that includes a Technology Action Plan (TAP), 65% of requests were submitted from countries that conducted a TNA, while 27% of them were submitted by countries that have not conducted a TNA yet. Among the 17 requests emanating from a TNA country, 10 of them concern priority sectors identified in TNAs and TAPs.
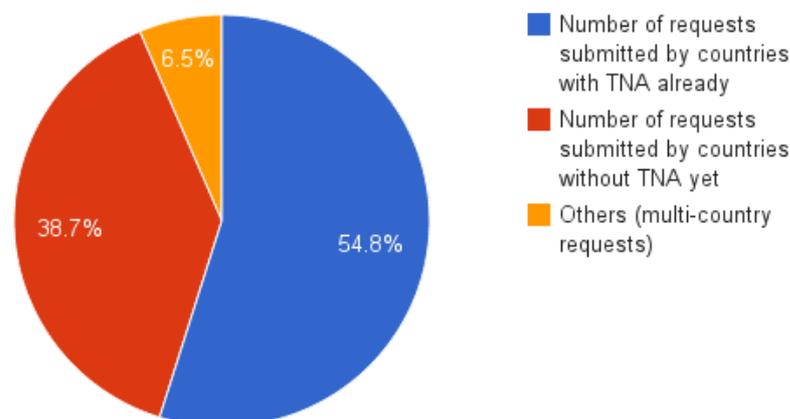
Figure 8: Distribution of requests based on conduction of TNAs in countries

KEY LESSONS LEARNT

- The continued proactivity of the CTCN to promote opportunities and the value- added of technical assistance for Non-Annex 1 Parties through CTCN has fostered formal submission of requests. However, there is a need to further support Parties, particularly LDCs and SIDS to benefit from CTCN technical assistance services.

- The work undertaken by the CTCN for further simplifying the request -response process has played an important role in making it more user-friendly. Importantly, the simplifications have made it quicker to move from request submission to response implementation.

- There is a positive correlation between the requests received and countries that have conducted a TNA of 'second generation' (including TAP) between 2009 and 2013. However, not all requests submitted by countries that have conducted a TNA are directly related to TNA recommendations and priorities.

- The proponents for the vast majority of Requests submitted governmental organizations, typically a Ministry or a specialized/sectoral agency. There is a need to reach out more to other technology stakeholders such as SMEs and other private companies, research organizations, civil society, etc.

- With the increase of request submissions, there is a need to focus technical assistance efforts on requests that are targeted and that have the potential to trigger effective deployment of climate technologies in requesting countries, including through removing technology barriers, increasing enabling environment and creating linkages with existing efforts and with financiers and donors.

- A number of elements have been identified by the CTCN to be further promoted at the request development stage and further integrated in the design of CTCN responses. These include gender considerations, traditional technologies, and private sector engagement. There is also a need to further support countries in prioritizing efforts for the deployment of technologies for adaptation. However, this desire to sharpen Requests needs to continue to be balanced with the importance of keeping the request process as accessible as possible.

- Now that implementation of technical assistance has started in a number of countries, there is greater need to monitor the impacts of CTCN activities in the country, beyond the sole assistance implementation, including its linkages with the Sustainable development goals. The CTCN is in the process of developing a more rigorous M&E system for this purpose.

Annex 1 – Lists of requests formally submitted to the CTCN, as of 23rd April 2015

Response Plans being Implemented and Contracted							
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Technical Assistance Service Providers
1	**Chile**	Latin America and the Caribbean	Adaptation	Ecosystems	Design of Biodiversity Monitoring Network in the context of Climate Change	February 21, 2014	2014-001/CHL-01	CATIE, ICRAF
2	**Colombia**	Latin America and the Caribbean	Adaptation	Monitoring	National Adaptation" Monitoring System	March 18, 2014	2014-003/COL-01	CATIE, DTU, Instituto de Ecología y Biodiversidad de Chile
3	**Pakistan**	Asia and the Pacific	Adaptation and mitigation	Cross-sectoral	Technology Guidance and Support for Conducting the Technology Needs Assessment (TNA)	September 26, 2014	2014-015/PAK-02	DTU
4	**Colombia**	Latin America and the Caribbean	Mitigation	Energy	Monitoring and Evaluation of national promotion policies for energy efficiency (EE) and renewable energy (RE) against national targets	March 19, 2014	2014-004/COL-02	BF, NREL
5	**Colombia**	Latin America and the Caribbean	Mitigation	Waste	Development of a Mechanical-Biological Treatment (MBT) pilot project of the Waste NAMA	March 20, 2014	2014-005/COL-03	BF, GIZ
6	**Regional**	Africa	Mitigation	Cross-sectoral	Green Cooling Africa Initiative (GCAI)	August 8, 2014	2014-010/REG-AF-01	UNIDO, GIZ, CSIR, UNEP
7	**Côte d'Ivoire**	Africa	Adaptation	Monitoring	Mise en place d'un Système d'Information Environnementale (SIE) capable de guider le choix d'une bonne politique de développement durable et de favoriser une gestion optimale des questions de changements climatiques.	August 29, 2014	2014-013/CIV-02	ICRAF, ENDA
8	**Mali**	Africa	Adaptation	Agriculture	Renforcement de la mise en œuvre d'actions d'adaptation aux changements climatiques et de Développement propre par les communautés rurales au Mali	August 29, 2014	2014-012/MLI-01	ENDA, ICRAF, DTU
Response Plans being Designed							
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
9	**Afghanistan**	Asia and the Pacific	Adaptation and mitigation	Cross-sectoral	Technical support and advise for the identification of technology needs in Afghanistan	May 4, 2014	2014-007/AFG-01	AIT, GIZ, UNEP

#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
10	Iran (Islamic Republic of)	Asia and the Pacific	Mitigation	Energy	Technology of Photovoltaic Solar Cell Design and Manufacturing	June 3, 2014	2014-008/IRN-01	TERI, ECN UNIDO
11	Côte d'Ivoire	Africa	Mitigation	Cross-sectoral	Elaboration d'une stratégie visant la réduction des pollutions atmosphériques dans le district autonome d'Abidjan en vue contribuer aux efforts de réduction des effets néfastes des changements climatiques	August 21, 2014	2014-011/CIV-01	ENDA
12	Bhutan	Asia and the Pacific	Mitigation	Transport	Reducing GHG Emissions from Transport by Improving Public Transport Systems through Capacity Building and Use of Technology	October 21, 2014	2014-016/BTN-01	DTU, AIT
13	Namibia	Africa	Adaptation	Water	Transformative water harvesting plan for Namibia	October 6, 2014	2014-017/NAM-01	CSIR
14	Iran (Islamic Republic of)	Asia and the Pacific	Mitigation	Energy	Micro Combined Heat and Power Technology	November 15, 2014	2014-018/IRN-02	ECN
15	Mauritius	Africa	Mitigation	Energy	Building Capacity for promoting a greenhouse gas mitigation strategy for the proposed power generation facility	November 17, 2014	2014-019/MUS-01	GIZ
16	Mauritius	Africa	Mitigation	Energy	Assessment and identification of technology needs and best practices for reducing the GHG emitting potential of the energy sector	November 17, 2014	2014-020/MUS-02	GIZ
17	Dominican Republic	Latin America and the Caribbean	Adaptation	Disaster/ Early Warning	A Community based early Warning System in Every pocket from Santo Domingo, D. N.	January 19, 2015	2015-023/DOM-01	GIZ, DHI
Requests Deemed Eligible and Prioritised								
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
18	Senegal	Africa	Mitigation	Energy	Development of energy efficiency projects in industries and services	December 31, 2014	2015-021/SEN-01	TBD
19	Uganda	Africa	Mitigation	Energy	Formulating Geothermal Energy Policy, Legal and Regulatory Framework	January 16, 2015	2015-022/UGA-01	TBD
20	Indonesia	Asia and the Pacific	Adaptation	Disaster/ Early Warning	Integrated River and Coastal Management toward Sustainable Giant Sea Wall Technology Jakarta	February 5, 2015	2015-024/IDN-01	TBD
21	Indonesia	Asia and the Pacific	Mitigation	Waste	Development of Anaerobic Digester technology for palm Oil Empty Fruit Bunch (EFB) in Indonesia	February 5, 2015	2015-027/IDN-04	TBD
22	Antigua and Barbuda	Latin America and the Caribbean	Adaptation and mitigation	Cross-sectoral	Technical Assistance for the Implementation of Projects related to the Establishment of a Sustainable Financial Mechanism for Climate Change	February 8, 2015	2015-029/ATG-01	TBD
23	Senegal	Africa	Mitigation	Industry	Green Technology Deployment in Industrial Zones	February 9, 2015	2015-030/SEN-02	TBD

	Requests Deemed Eligible but not Prioritised							
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
24	Indonesia	Asia and the Pacific	Adaptation	Water	Development of the Ciliwung Watershed Management	February 5, 2015	2015-025/IDN-02	TBD
25	Indonesia	Asia and the Pacific	Mitigation	Energy	Development of Ocean Current Watershed Management	February 5, 2015	2015-026/IDN-03	TBD
26	Indonesia	Asia and the Pacific	Mitigation	Forest	Development of Integrated Carbon Measurements Methodology on Peat lands in Indonesia	February 5, 2015	2015-028/IDN-05	TBD
	Requests being screened							
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
27	Uruguay	Latin America and the Caribbean	Mitigation	Industry	Replacement of fluorinated refrigerants for end users of refrigeration equipment in the dairy sector	March 13, 2015	2015-031/URY-01	TBD
	Requests not Deemed Eligible							
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
28	Syrian Arab Republic	Asia and the Pacific	Adaptation and mitigation	Cross-sectoral	Technology Needs Assessment for Climate Change in Syria	August 6, 2014	2014-009/SYR-01	N/A
29	Pakistan	Asia and the Pacific	Adaptation	Agriculture and Fisheries	Propagation of Crop Production Process for Productivity Enhancement	March 18, 2014	2014-002/PAK-01	
	Inactive Requests							
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
30	Regional	Latin America and the Caribbean	Adaptation and mitigation	Cross-sectoral	Consulta para diseno de un Centro Tecnologico de la Alianza Pacifica para el Cambio Climatico	September 9, 2014	2014-014/REG-LA-01	N/A
31	Honduras	Latin America and the Caribbean	Adaptation	Ecosystems	Strengthening local capacities at Cuyamel Omoa Protected Area	April 2, 2014	2014-006/HND-01	N/A