

Climate Technology Network in a snapshot – As of 13 Aug 2015

Introduction

One of the key roles of the Network is to enable the CTCN to deliver on its three core functions on a global scale and in a timely manner. This ability is not solely provided by mere size of the Network and a wide range of capacities, but also by its capabilities to deliver the expertise that is demanded by those seeking assistance from the CTCN. It is essential to equip the Network with necessary technical and regional expertise even though the demand is not clearly defined due to the nature of the mission of the CTCN.

The CTCN will monitor the needs and capacity of the Network on a continual basis. In this regard, direct contact has been made with more than 200 relevant institutions inviting them to join the CTN. Responses have been positive as interest to join the CTCN has been expressed by a number of stakeholders.

The Climate Technology Network is growing at a steady pace. Interest has been shown by a number of stakeholders to join the CTN.

Overview

- 80 applications received
- 72 accepted Network members (see Annex I)
- 6 applications under assessment
- 2 applications declined
- Pipeline: 8 confirmed to be close to submitting applications

Since the 5th Advisory Board meeting, the CTCN has received an additional 28 Network membership applications. As shown in Figure 1, the number of applications has grown steadily over the past 20 months and it is anticipated that this trend will continue with the active promotion of the Network by the CTCN. Table 1 shows the geographic distribution of the Network members by UNFCCC country designation, further categorized by geographic regions based on the country of registration. International organizations refer to those established under multinational agreements or equivalent with or without official registration in a single country. Details of each member, including the country of registration, are listed in Annex I.

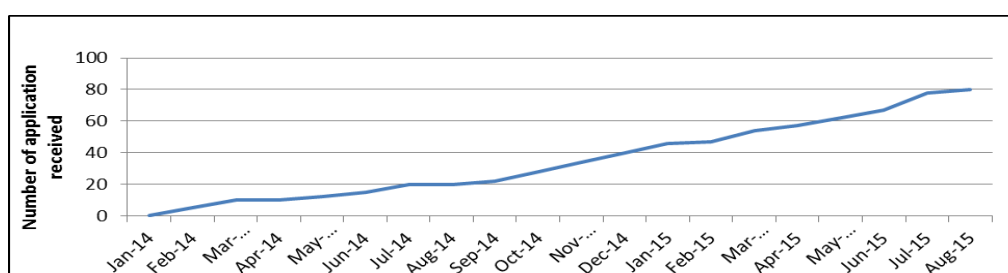


Figure 1 Accumulated number of applications received

Table 1 Network members by region

Annex I	34
Africa	0
Americas	6
Asia	6
Europe	20
Oceania	2
non-Annex I	29
Africa	4
Americas	7
Asia	18
Europe	0
Oceania	0
International	9
Total	72

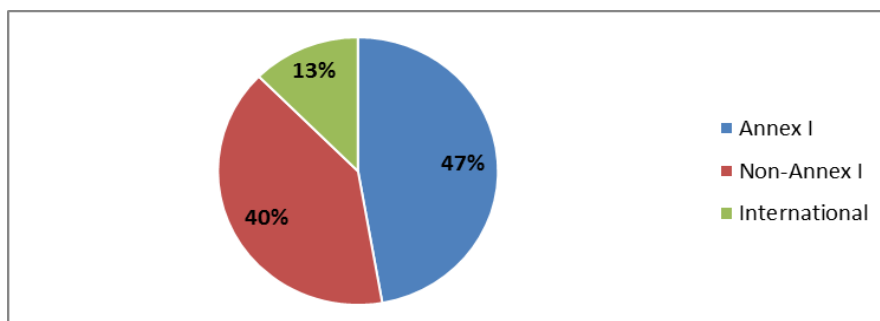


Fig 2: Distribution of Network members by UNFCCC country designation

Members by type of institution

Figure 3 shows the network composition by type of institution. The figure shows that private sector, non-governmental and the academic and research organizations constitute around 70% of the total network memberships; with nearly equal sharing amongst each of the three types.

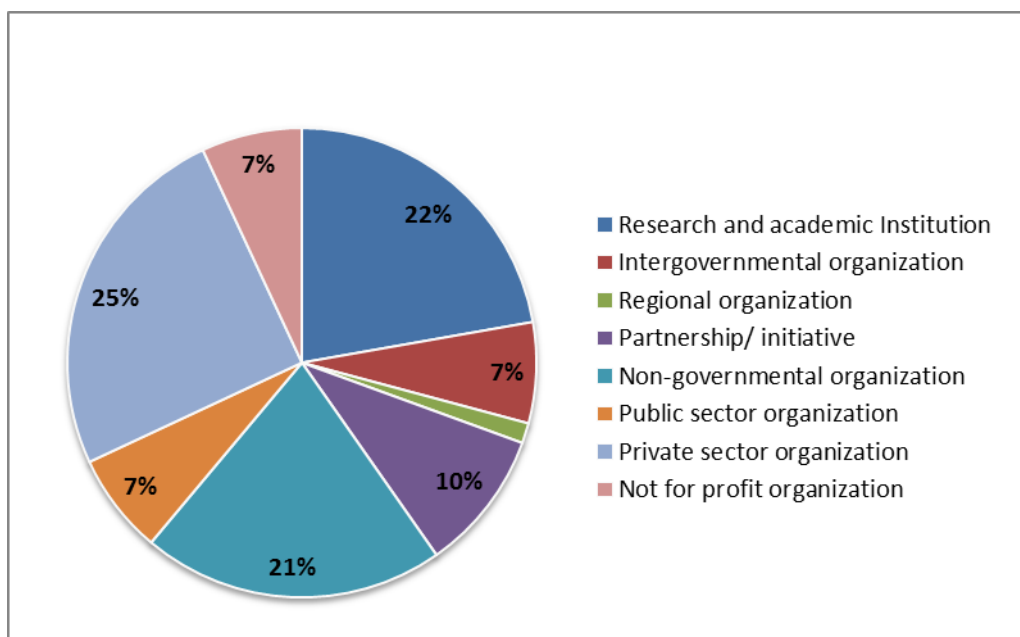


Figure 3 Network by type of institution

Members by expertise

This section outlines the capacity of the Network to perform its functions. The organizations’ expertise has been assessed based on the information provided in the CTN application form. Most of the organizations are experienced in more than one mitigation and/or adaptation sectors, regions or service types and the numbers represents the cumulative numbers.

a. Mitigation vs adaptation

Figure 4 shows the total counts of expertise in climate change mitigation, adaptation and cross-cutting activities. Currently, the Network has more coverage in climate change mitigation and less in climate change adaptation. “Cross-cutting” expertise refers to those which have both mitigation and adaptation elements (e.g. agriculture, forestry, resource efficiency) or expertise that can be applied in both mitigation and adaptation measures (e.g. project financing, knowledge management platforms, or policy and planning).

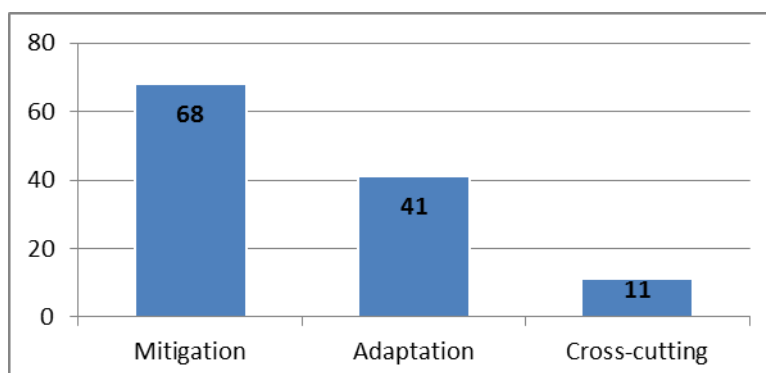


Figure 4 Expertise of network members

b. Sector coverage

Figure 5 shows the Network coverage for mitigation sectors. While expertise in energy dominates, it is observed that the technologies and applications in the energy sector are diverse.

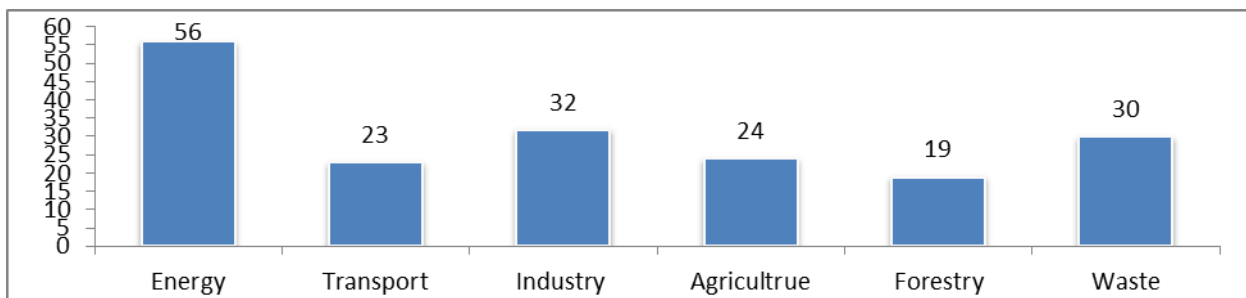


Figure 5 Expertise in climate change mitigation

Figure 6 shows the total counts of expertise for each sector in adaptation. As the overall coverage is relatively small, increase in capacity in all sectors is needed.

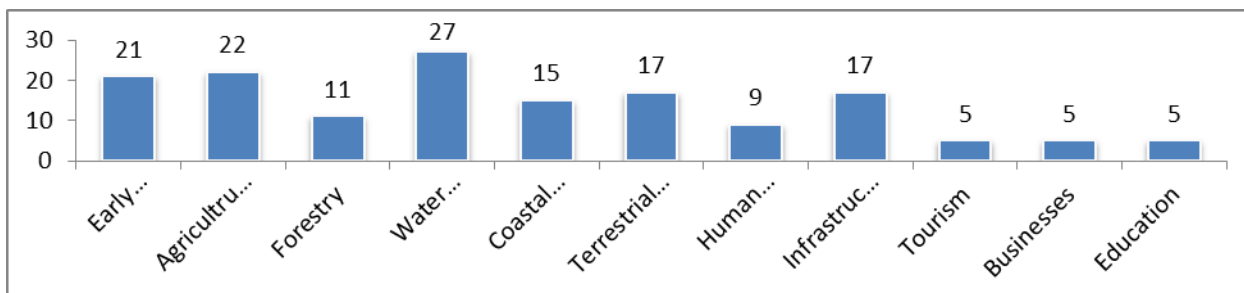


Figure 6 Expertise in climate change adaptation

c. Service capacities

Figure 7 shows the service capacities of the Network. While the Network has a relatively good coverage of capacity building, knowledge sharing and policy and planning and technology development and transfer, it was observed that the expertise in innovation and investments is scarce.

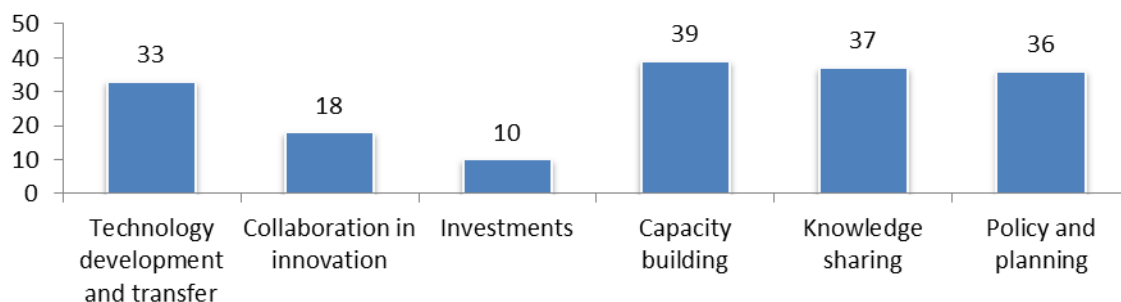


Figure 7 Expertise by type of service

Annex I – List of members

Abbreviated name	Official name	Institutional type	Region	Sub-region
ARPEDAC	Association pour la Recherche et la Promotion de l’Energie Durable en Afrique Centrale	Non-governmental organization	Africa	Middle Africa
ATTS	Agricultural Technology Transfer Society	Non-governmental organization	Africa	Northern Africa
BATC	BATC Development Bhd.	Private sector organization	Asia	South-Eastern Asia
BCAS	Bangladesh Centre for Advanced Studies	Non-governmental organization	Asia	Southern Asia
BCSE	Business Council for Sustainable Energy	Not for profit organization	Americas	Northern America
Burleson Institute Inc.	Burleson Institute Inc.	Non-governmental organization	Americas	Northern America
Carbon Trust	Carbon Trust	Private sector organization	Europe	Northern Europe
CDKN	Climate and Development Knowledge Network	Partnership	International	International
CENER	Centro Nacional de Energias Renovables	Research and academic institution	Europe	Southern Europe
CESC	Clean Energy Solutions Center	Initiative	Americas	Northern America
CIAT	Centro Internacional de Agricultura Tropical	Not for profit organization	International	International
CTI PFAN	Climate Technology Initiative - Private Financing Advisory Network	Partnership	Asia	Eastern Asia
CUBAENERGÍA	Centre for Information Management and Energy Development	Public sector organization	Americas	Caribbean
CVDT Consulting	CVDT Consulting (Beijing) Ltd	Private sector organization	Asia	Eastern Asia

DCCE	Dubai Carbon Centre of Excellence PJSC	Private sector organization	Asia	Western Asia
ECREEE	ECOWAS Centre for Renewable Energy and Energy Efficiency	Regional organization	Africa	Western Africa
EHA	European Hydrogen Association	Not for profit organization	Europe	Western Europe
ENEA Consulting	ENEA Consulting	Private sector organization	Europe	Western Europe
EraExacta	Energías Renovables Exacta S. de R.L. de C.V.	Private sector organization	Americas	Central America
FIECO	Foolad Technic International Engineering Company	Private sector organization	Asia	Southern Asia
Forest Carbon	Forest Carbon Ltd	Private sector organization	Asia	South-Eastern Asia
FS-UNEP	Frankfurt School UNEP Collaborating Centre for Climate & Sustainable Energy Finance	Partnership	Europe	Western Europe
FTDT	Fundacion Torcuato di Tella	Research and academic institution	Americas	South America
Fundecor	Foundation for the Development of the Central Volcanic Mountain Range	Non-governmental organization	Americas	Central America
Gaia Consulting Ltd	Gaia Consulting Ltd	Private sector organization	Europe	Northern Europe
GCPC	Gujarat Cleaner Production Centre	Public sector organization	Asia	Southern Asia
GEC	Global Environment Centre Foundation	Not for profit organization	Asia	Eastern Asia
Global CCS	Global Carbon Capture and Storage Institute	Not for profit organization	Oceania	Australia and New Zealand
GreenStream	GreenStream Network Plc	Private sector organization	Europe	Northern Europe
GRID-Arendal	GRID-Arendal	Initiative	Europe	Northern Europe
GTC	Green Technology Center	Research and academic institution	Asia	Eastern Asia

ICIMOD	International Centre for Integrated Mountain Development	Intergovernmental organization	Asia	Southern Asia
IEAGHG	International Energy Agency Greenhouse Gas R&D Programme	Intergovernmental organization	Europe	Northern Europe
IEB	Corporation Institute of Ecology and Biodiversity	Research and academic institution	Americas	South America
IGES	Institute for Global Environment Strategies	Non-governmental organization	Asia	Eastern Asia
IIEC	International Institute for Energy Conservation	Non-governmental organization	Asia	South-Eastern Asia
INER	Instituto Nacional de Eficiencia Energetica y Energias Renovables	Research and academic institution	Americas	South America
IRD	Institut de recherche pour le développement	Research and academic institution	Europe	Western Europe
IRRI	International Rice Research Institute	Research and academic institution	Asia	South-Eastern Asia
ISL	International Synergies Limited	Private sector organization	Europe	Northern Europe
ISWA	International Solid Waste Association	Non-governmental organization	International	International
JESC	Japan Environmental and Sanitation Centre	Public sector organization	Asia	Eastern Asia
KCIC	Climate Innovation Centre Kenya	Partnership	Africa	Eastern Africa
KEMCO	Korea Energy Management Corporation	Public sector organization	Asia	Eastern Asia
KNPC	Korea National Cleaner Production Center	Public sector organization	Asia	Eastern Asia
LEAD Pakistan	Leadership for Environment and Development (LEAD) Pakistan	Non-governmental organization	Asia	Southern Asia
LEDS GP	Low Emission Development Strategies Global Partnership	Partnership	Americas	Northern America
Libelula	Libélula Comunicación, Ambiente y Desarrollo Sac	Private sector organization	Americas	South America

Meister Consultants Group	Meister Consultants Group	Private sector organization	International	International
MicroEnergy	MicroEnergy International GmbH	Private sector organization	Europe	Western Europe
MIT CEE	Department of Civil and Environmental Engineering, Massachusetts Institute of Technology	Research and academic institution	Americas	Northern America
Mobisol	Mobisol GmbH	Private sector organization	Europe	Western Europe
NRERC Haifa University	Natural Resources and Environment Research Center at Haifa University	Research and academic institution	Asia	Western Asia
OECC	Overseas Environmental Cooperation Center, Japan	Non-governmental organization	Asia	Eastern Asia
OLADE	Latin America Energy Organization	Intergovernmental organization	International	International
ONFI	ONF International	Private sector organization	Europe	Western Europe
PAC	Practical Action Consulting Limited	Non-governmental organization	Europe	Northern Europe
PRI	The Permaculture Research Institute	Non-governmental organization	Oceania	Australia and New Zealand
Radboud University	Stichting Katholieke Universiteit (Radboud University Nijmegen)	Research and academic institution	Europe	Western Europe
REEEP	Renewable Energy and Energy Efficiency Partnership	Non-governmental organization	International	International
REN21	21Renewable Energy Policy Network for the 21st Century	Non-governmental organization	International	International
Ricardo-AEA	Ricardo-AEA Ltd	Private sector organization	Europe	Northern Europe
RITE	Research Institute of Innovative Technology for the Earth	Research and academic institution	Asia	Eastern Asia
Sofies SA	Sofies SA	Private sector organization	Europe	Western Europe

SPREP	Secretariat of the Pacific Regional Environment Programme	Intergovernmental organization	International	International
TCO Kirkuk	Kirkuk Technical College	Research and academic institution	Asia	Western Asia
TPSA-BPPT	Deputy of Natural Resources Development Technology, Agency for the Assessment and Application of Technology	Research and academic institution	Asia	South-Eastern Asia
TU BEG	The Bureau of Economic Geology at The University of Texas at Austin	Research and academic institution	Americas	Northern America
UDYAMA	UDYAMA	Non-governmental organization	Asia	Southern Asia
University of Sheffield	The University of Sheffield	Research and academic institution	Europe	Northern Europe
WIPO	World Intellectual Property Organization	Intergovernmental organization	International	International
Wuppertal Institute	Wuppertal Institute for Climate, Environment and Energy	Research and academic institution	Europe	Western Europe