Connecting Countries with Technology Solutions

www.ctc-n.org
ctcn@unep.org

Climate Technology Centre and Network

UN Framework Convention on Climate Change Technology Mechanism

Hosted by:

UNEP

UNIDO
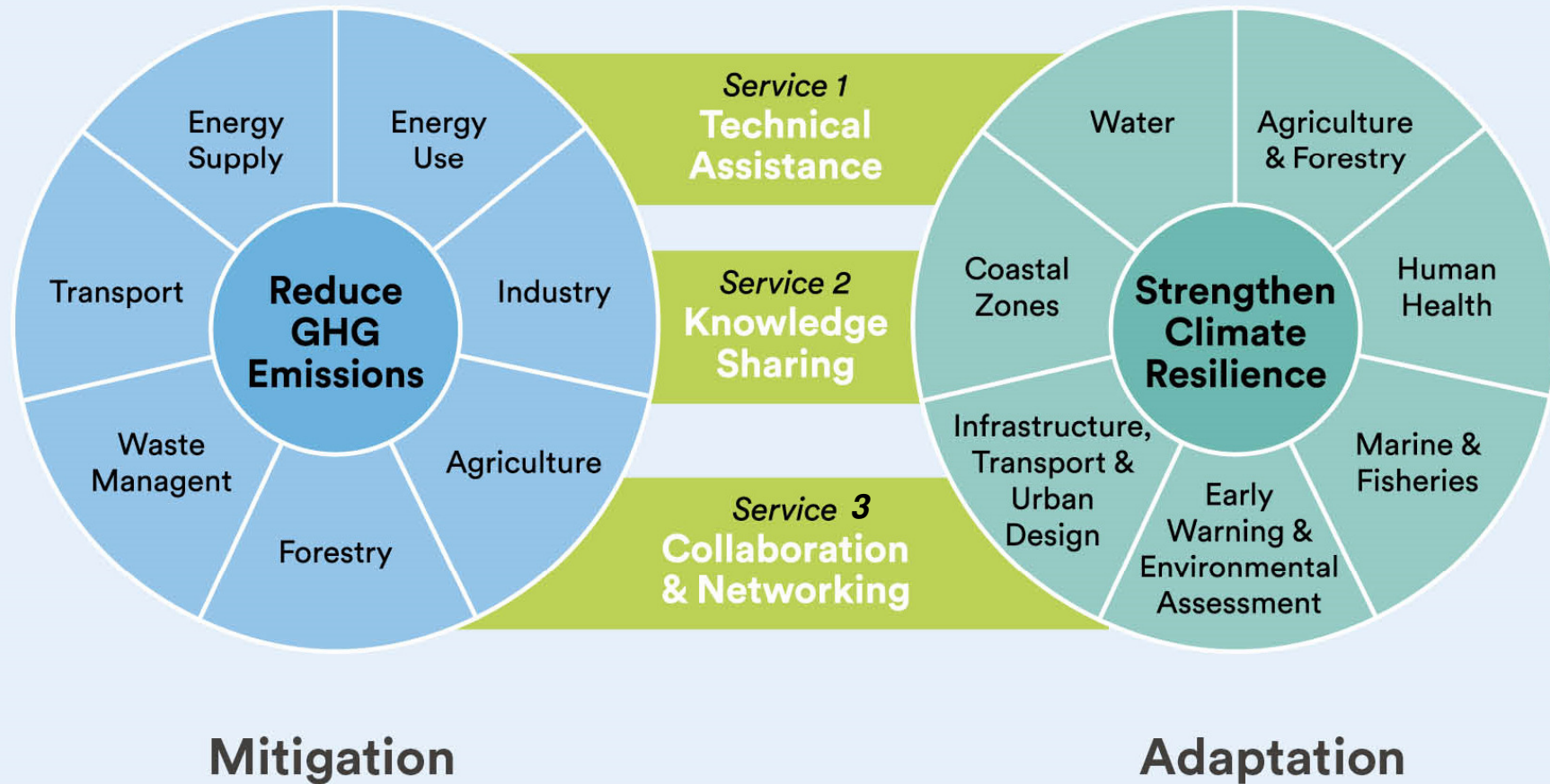
CTCN mission: *"Stimulating technology cooperation and enhance the <u>development and transfer of technologies </u> to developing country Parties at their request (…)"*

CTCN service areas and core sectors

Mitigation

- Energy Supply
- Energy Use
- Transport
- Industry
- Waste Managent
- Agriculture
- Forestry
- **Reduce GHG Emissions**

Service 1 **Technical Assistance**

Service 2 **Knowledge Sharing**

Service 3 **Collaboration & Networking**

Adaptation

- Water
- Agriculture & Forestry
- Coastal Zones
- Human Health
- Infrastructure, Transport & Urban Design
- Early Warning & Environmental Assessment
- Marine & Fisheries
- **Strengthen Climate Resilience**

Technical assistance

Support to identify, use and deploy climate technologies:

- Identify technology needs

- Strengthen human & institutional capacities

- Build technical knowledge and information

- Select & pilot technology solutions

- Reinforce policy, legal and regulatory framework
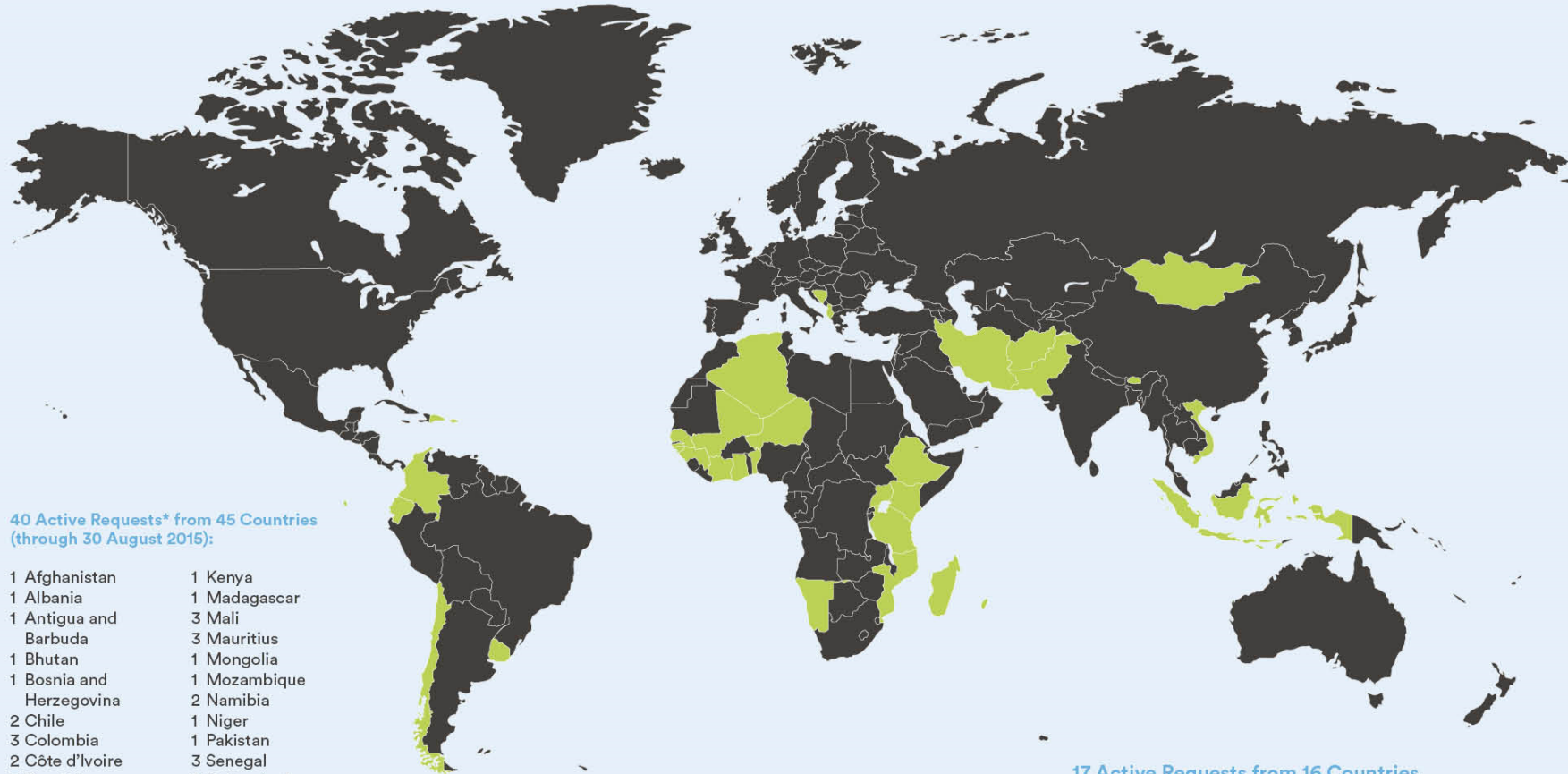
- Increase access to public and private funding

Provided:
- To academic, government, NGO, or private entities
- At the local, national, or multi-country level

Technical Assistance Requests by Country

70+ active projects

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

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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

Adaptation
Disaster/Early Warning

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

Technical Assistance Experts:
11 Consortium partners

Technical Assistance Experts:
125+ Network Members

Technical Assistance Experts:
125+ Network Members

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.

Knowledge Sharing & Capacity Building

CTCN Knowledge Portal: **www.ctc-n.org**
- Technology webinars
- Technology library
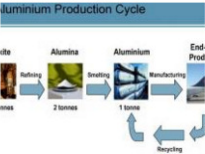- Technical assistance information
- CTCN events calendar

UNEP-DHI Water Quality
Management and Regulation Tools

Explore the technology library

47 technology articles

Objective	Sectors	Technology Type Group	
- Any - ▼	Industry ▼	- Any - ▼	Apply

Adipic acid

Advanced wet quenching for iron and steel sector

Aluminium industry

Ammonia

Biopolymer production for (petro-)chemical sector

Blast furnace slag granulation

Carbon black

CCS from cement production

RETScreen: a Tool for Greenhouse
Gas Mitigation

Capacity Building

- 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 Senegal, June 2015

CTCN
CLIMATE TECHNOLOGY CENTRE & NETWORK

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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