



CTCN
CLIMATE TECHNOLOGY
CENTRE & NETWORK

Years

CTCN: UN's Climate Technology Support Mechanism

Tomoo Machiba
Deputy Director, CTCN

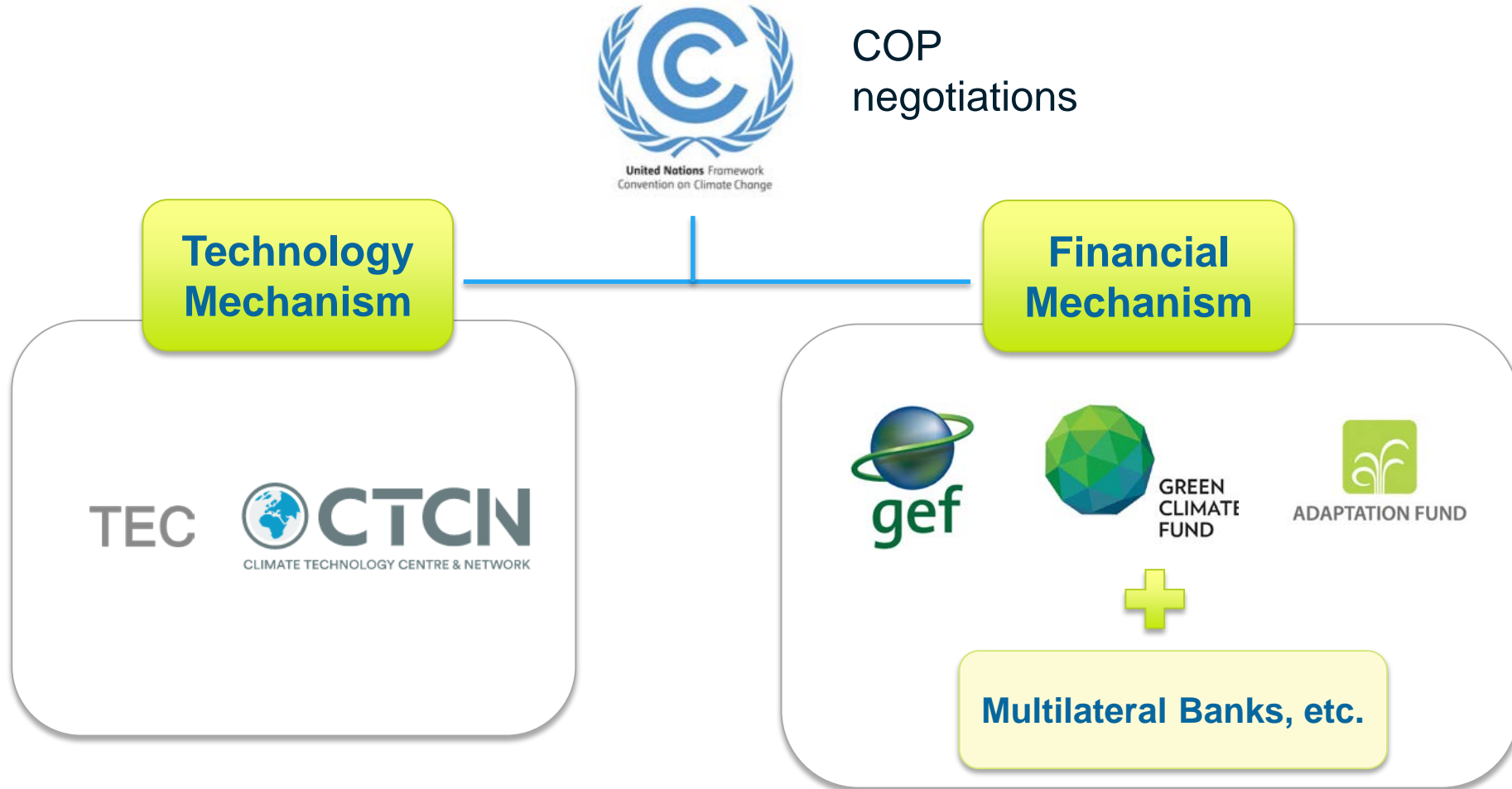
Korea Climate Technology 2019
Seoul, 24 July



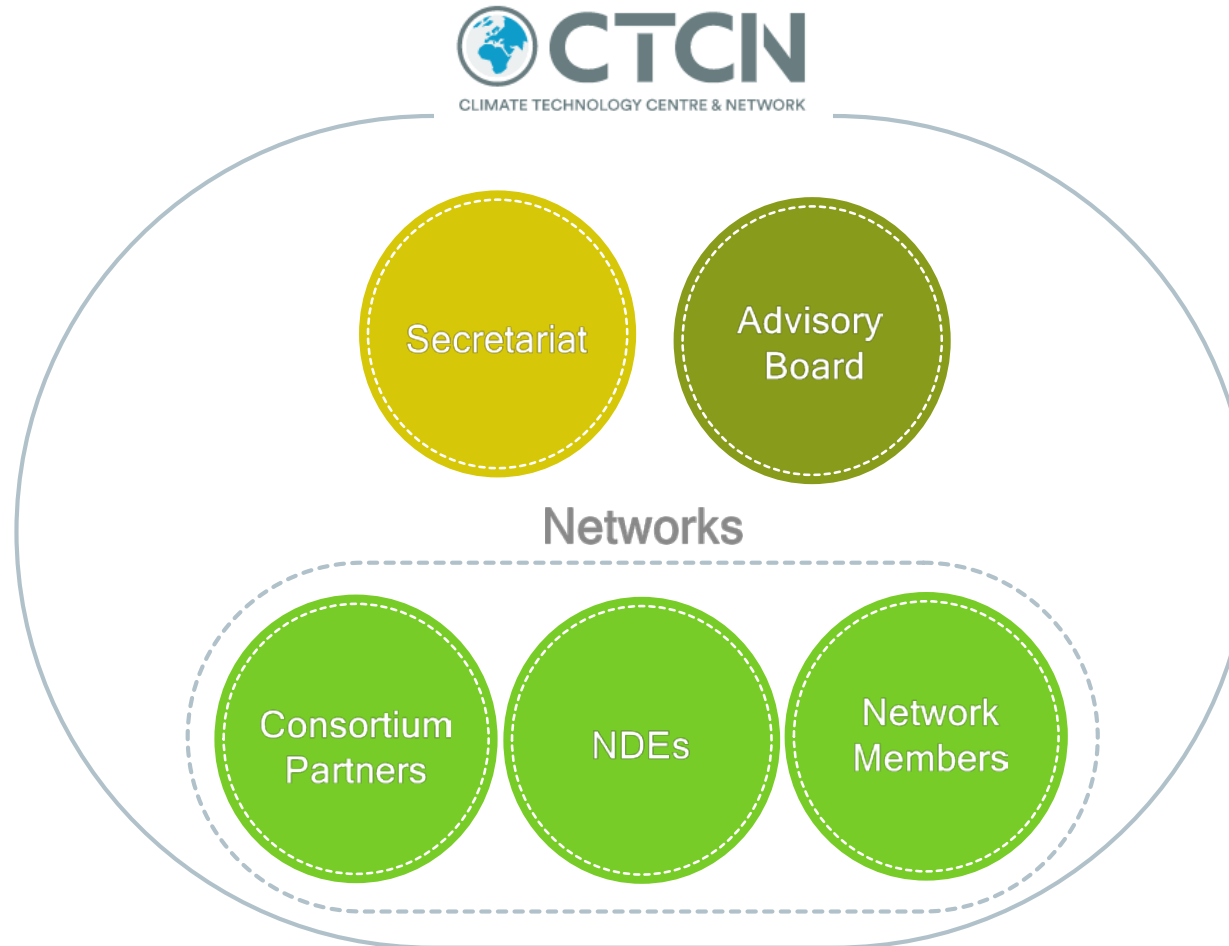
To promote the accelerated development and transfer of climate technologies at the request of developing countries for energy-efficient, low-carbon and climate-resilient development



UNFCCC Operational Mechanism



About CTCN



CTCN service areas and core sectors



SERVICE 1
Technical Assistance

SERVICE 2
Knowledge Sharing

SERVICE 3
Collaboration & Networking



↓ **MITIGATION**

Agriculture
Energy Supply
Forestry
Industry
Transport
Waste Management

↻ **ADAPTATION**

Agriculture & Forestry
Coastal Zones
Early Warning & Environmental Assessment
Human Health
Infrastructure, Transport & Urban Design
Marine & Fisheries
Water

CTCN Technical Assistance: How it works



Interested parties contact their National Designated Entity to request climate technology assistance.

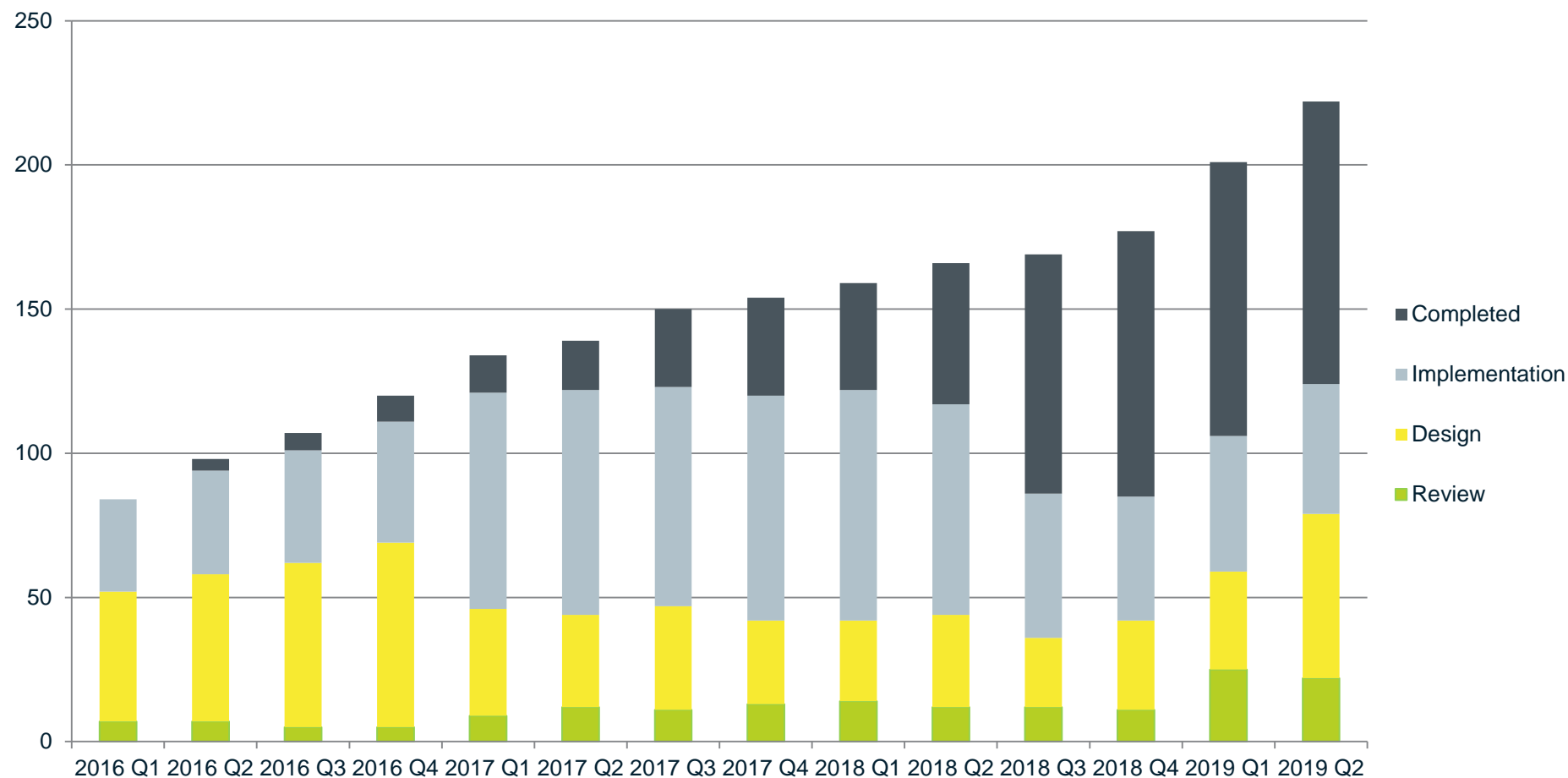
NDE confirms the alignment of the request with its national climate priorities and passes it to CTCN.

CTCN collaborates with NDE and applicants to develop a tailored technology transfer plan.

CTCN implements the technology solution with a selected Consortium or Network member.

(t ≈ 12-18 months from request to completion)

Requests for Technical Assistance

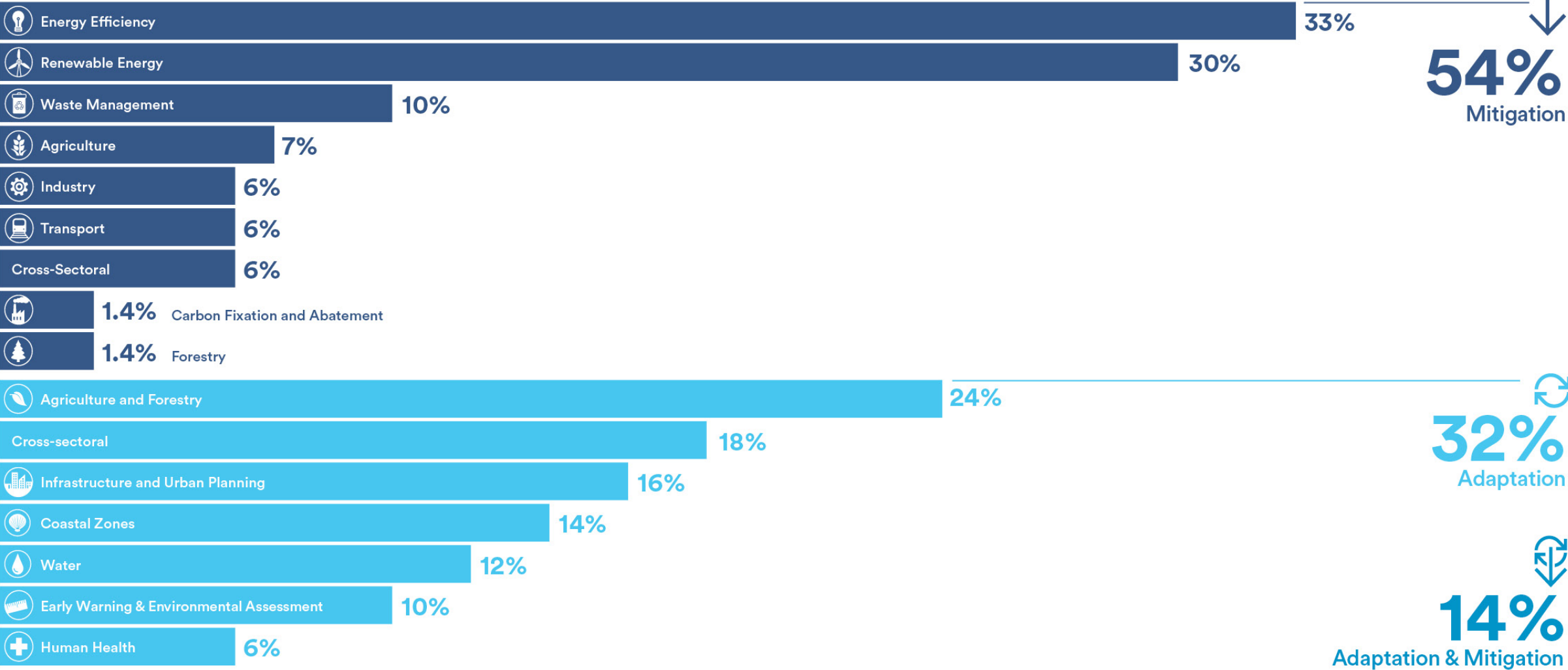


270
REQUESTS

FROM

93
COUNTRIES

Distribution of Technical Assistance Requests by Sector



Distribution of Network Members by Type of Institution



201

Private Sector Organisations



99

Research & Academic Institutions



89

Non-Government Organisations & Not for Profit Organisations



36

Public Sector Organisations



12

Intergovernment & Regional Organisations



9

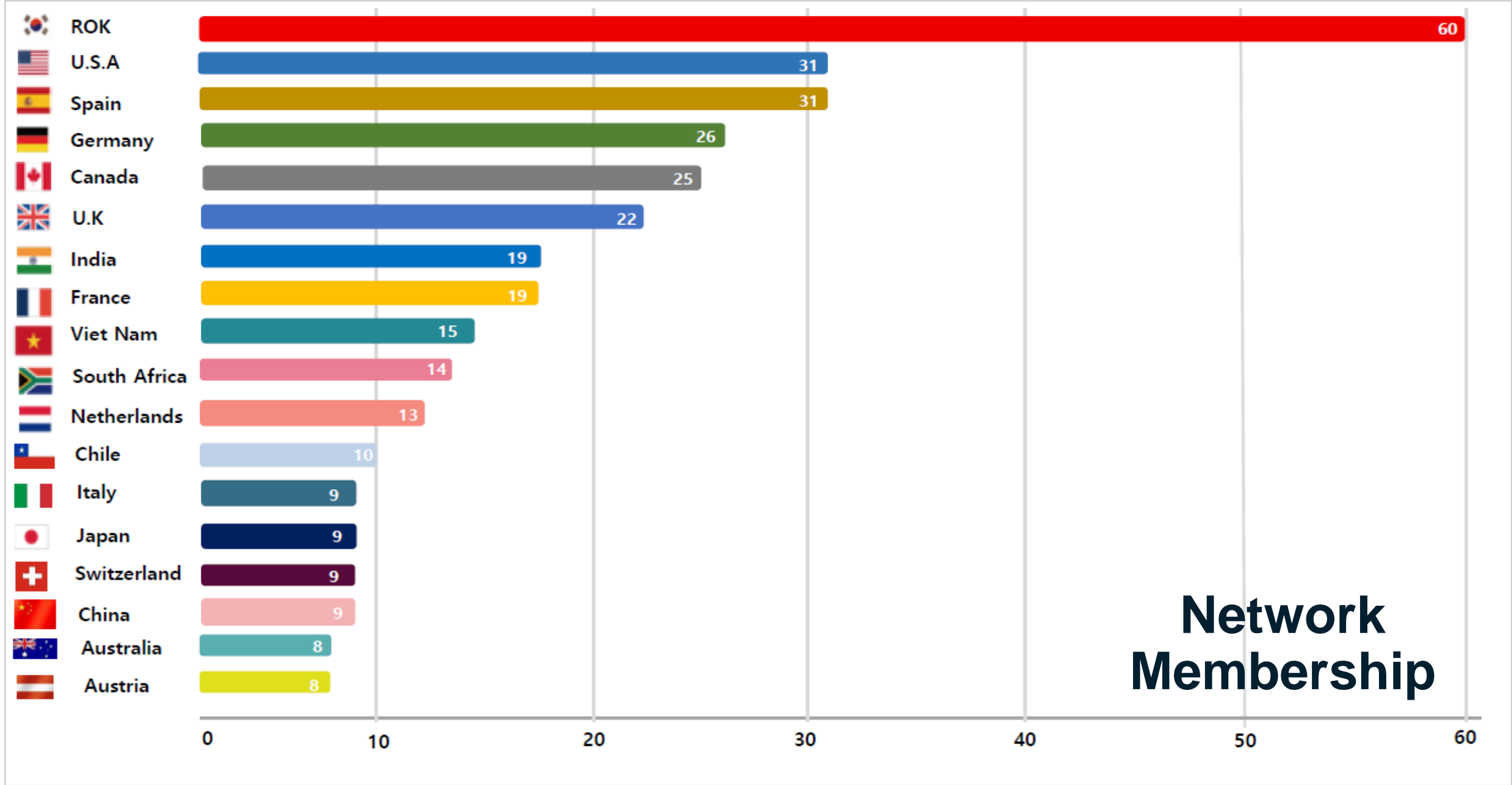
Partnerships & Initiatives



2

Financial Institutions

CTC Network Members within countries (500+ as of June 2019)



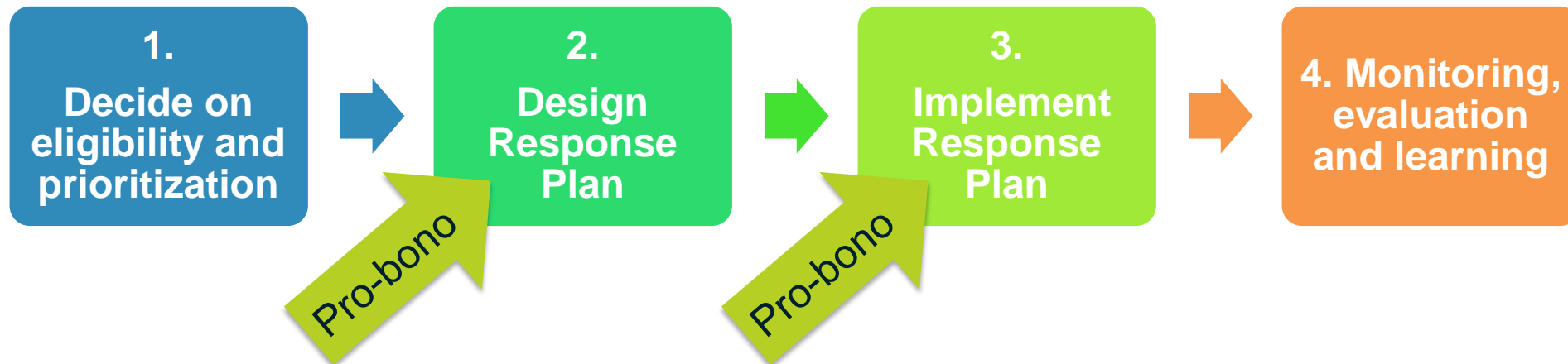
**Network
Membership**

Pro-bono/in-kind contribution to Technical Assistance

1) CTCN circulates list of (eligible) TA requests received to all Network members and NDEs with a request to:

- share similar work or experience in the region
- express interest for pro-bono/in kind support.

2) Designing Response Plan and/or Implementing Response Plan



CTCN Activities with Korea

NDE

Ministry of Science and ICT (since Nov. 2015)

Advisory Board Member

Mr. Seo Gon Ko, Director-General, R&D Policy Bureau, MSIT

Donor Contribution

1 billion KRW (in total until 2020)

Network Members

60 Network members

TA Implementations

4 Technical Assistance - Guinea, Kenya (2), Bangladesh

Pro-bono TAs

3 Technical Assistance - Sri Lanka, Ethiopia, Serbia

Secondment Programme

2 Secondees (2018 and 2019)

CTCN Events

Co-hosted CTCN Regional Forum for NDEs from Asia Pacific (Jul. 2018)

Guinea: Access to finance



- Identify opportunities with public and private financiers
- Train national climate technology project developers to mobilize financing
- Support access to finance for adaptation technologies
- Assist in designing business plans to target private investors and international donors

- **Budget:** USD 142,715

- **Implementers:** GERES 
GTC 

13 CLIMATE
ACTION



17 PARTNERSHIPS
FOR THE GOALS



Kenya : Sustainable water services

- Develop an extensive research strategy on existing and potential low-cost green water technologies
- Strengthen Kenya's Water Services Trust Fund and other actors' institutional capacity
- Identify PPP opportunities and to engage the private sector in the water sector
- **Budget** : USD 206,000
- **Implementers** : UNEP-DTU Partnership
GTC 



Bangladesh: Desalination technology



- Identify approaches and options for saline water purification technology at household level
- Technology can be used in building low-cost durable houses
- **Budget** : USD 166,940
- **Implementers** : GTC 🇰🇷



Sri Lanka: Climate-smart city



- Design a climate-smart city framework for the City of Kurunegala
- Develop a master plan, climate risk and vulnerability assessments, and action plan
- Provide capacity building for city partners and policy makers
- **Budget** : USD 106,910 (pro bono)
- **Implementer** : Korea Environment Institute 🇰🇷



Ethiopia: Financing transportation

- Conduct the detailed assessment of public infrastructures needs
- Identify barriers to private investment
- Formulate financing structure and instrument
- **Budget** : USD 141,775 (pro bono)
- **Implementer** : Envelops 🇰🇷



Serbia: Modernizing district heating

- Identify the state of district heating and building efficiency
- Provide a high-level assessment of combined options for district heating modernization and building efficiency improvements
- **Budget** : USD 140,000 (pro bono)
- **Implementer** : Korea District Heating Corporation 🇰🇷



Join CTCN network

- **Commercial opportunities:** Pre-qualified access to competitive bidding to provide CTCN technical assistance services to developing countries
- **Connection:** Network with national decision-makers, thought leaders, and other Network members to expand your partnership opportunities and learn emerging practices
- **Visibility:** Increase your global recognition and showcase your success stories through events, reports and tools
- The membership is free of charge.
- Complete application on www.ctc-n.org/network

CTCN has received **\$60.9 million** from bilateral and multilateral sources to date as grants.

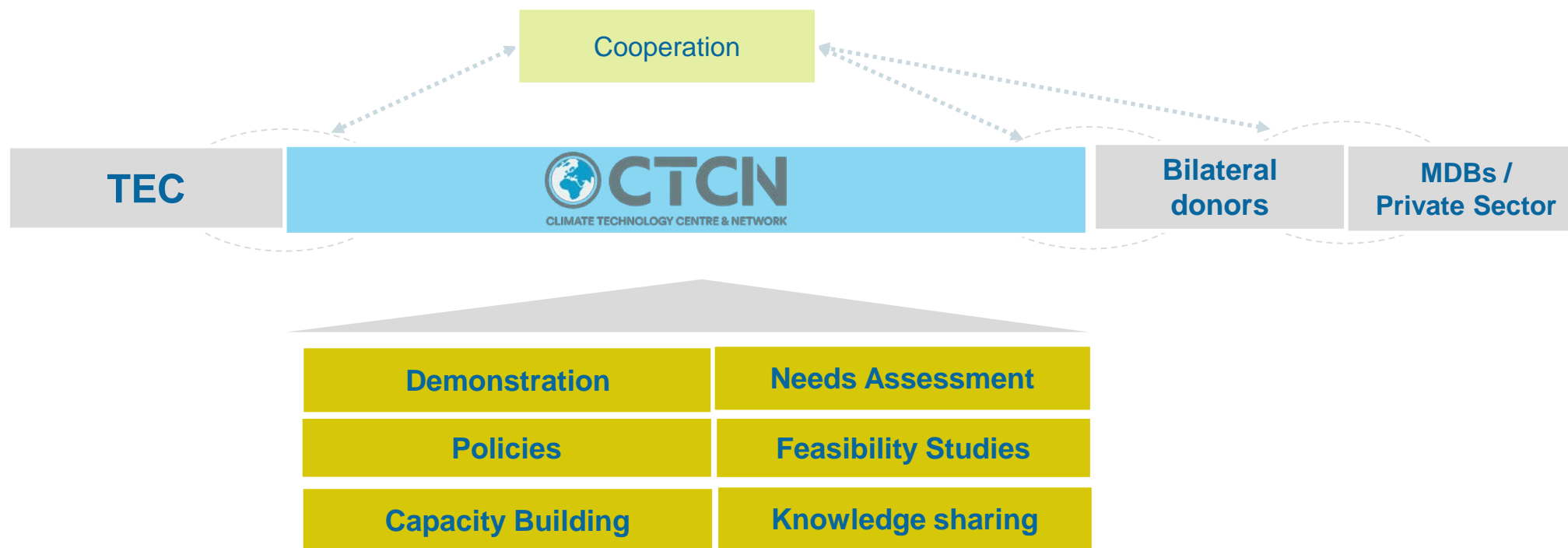
Donor	Secured Contributions (USD)
European Union	14,429,688
Japan	8,560,449
Norway	8,499,850
Denmark	7,225,293
USA	4,930,308
Canada	4,376,018
Switzerland	4,296,515
Germany	1,158,207
Republic of Korea	922,125

Donor	Secured Contributions (USD)
Italy	849,653
Sweden	479,574
Finland	216,548
Ireland	216,548
Spain	178,732
GEF	1,971,100
GCF	1,415,534
UNIDO	1,247,665
Total	60,973,800

Future considerations

- Linking more with technology needs and NDCs of countries
- Encouraging scalable projects
- Linking with scaling-up funding opportunities
- Linking with donor priorities
- Leveraging pro bono and Network
- Other funding sources & branding
- Improving monitoring & evaluation to prove impacts
- Seeking SDGs' co-benefits

Clarifying value proposition





CTCN

CLIMATE TECHNOLOGY
CENTRE & NETWORK

CTCN Secretariat
UN City, Marmorvej 51
DK-2100 Copenhagen,
Denmark
www.ctc-n.org
ctcn@un.org



UNFCCC_CTCN



UNFCCC.CTCN

Supported by



Norwegian Ministry
of Foreign Affairs

UDENRIGSMINISTERIET
DANIDA



METI
Ministry of Economy, Trade and Industry



環境省
Ministry of the Environment



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Economic Affairs SECO

Canada



Federal Ministry
for Economic Affairs
and Energy



Ministry of Science and ICT



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE



Government Offices of Sweden
Ministry of the Environment and Energy



MINISTRY FOR FOREIGN
AFFAIRS OF FINLAND



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



**Spanish
Cooperation**

Thank you!