Unlocking Pre-2020 Ambition: CTCN Actions Taken and Planned Activities in Relation to the UNFCCC Technical Examination Process

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Pre-2020 UNFCCC Processes Focusing on Enhanced Implementation

1. Mitigation

- Clean development mechanism (CDM)
- Nationally appropriate mitigation actions (NAMAs)

2. Adaptation

- National adaptation plans (NAPs)
- National adaptation programmes of action (NAPAs)

3. Support for implementation

- Finance
  » Global Environment Facility (GEF)
  » Green Climate Fund (GCF)
  » Adaptation Fund (AF)
- Technology
  » Technology Mechanism (TEC and CTCN)
  » Technology Needs Assessments (TNAs)

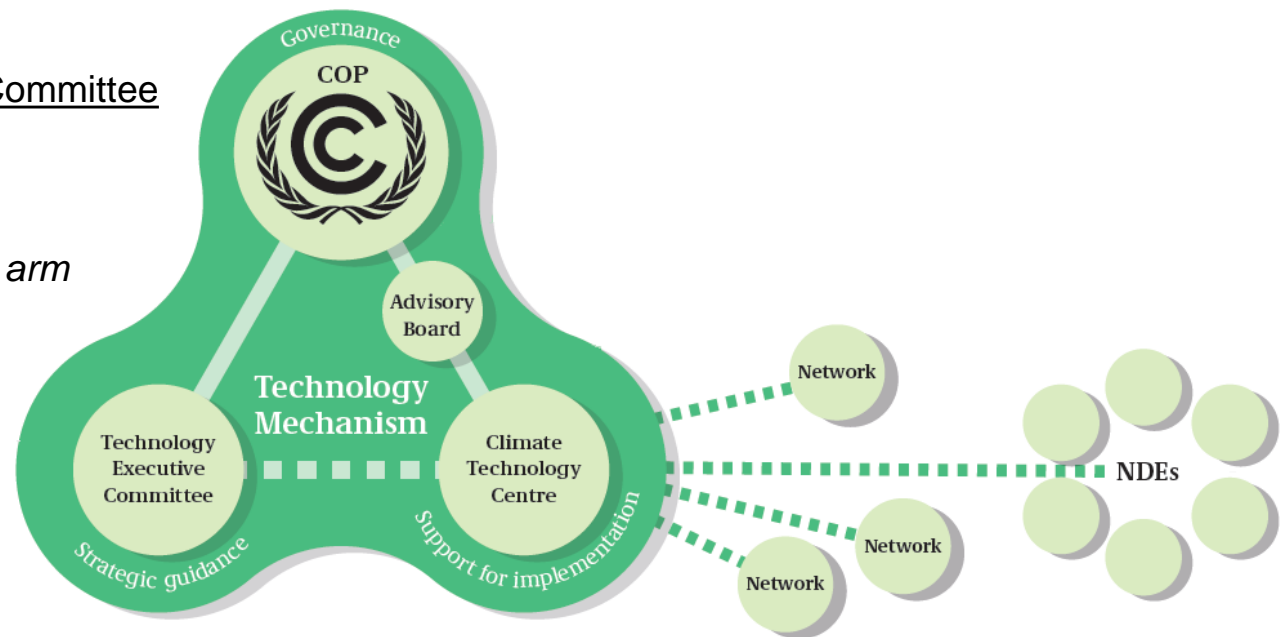# CTCN: The operational arm of the UNFCCC Technology Mechanism

Objective: enhance action on the development and transfer of technology for action on climate change

Technology Executive Committee
- *The policy arm*

CTCN
- *The implementation arm*
- *NDEs*

CTCN Mandate, Services and Structure

Mandate

CTCN mission is "Stimulating technology cooperation and enhance the **development and transfer of technologies** to developing country Parties at their request"

Services:

1. Technical assistance to developing countries

2. Knowledge sharing and training

3. Fostering collaboration on climate technologies (including linking climate technology projects with financing opportunity")
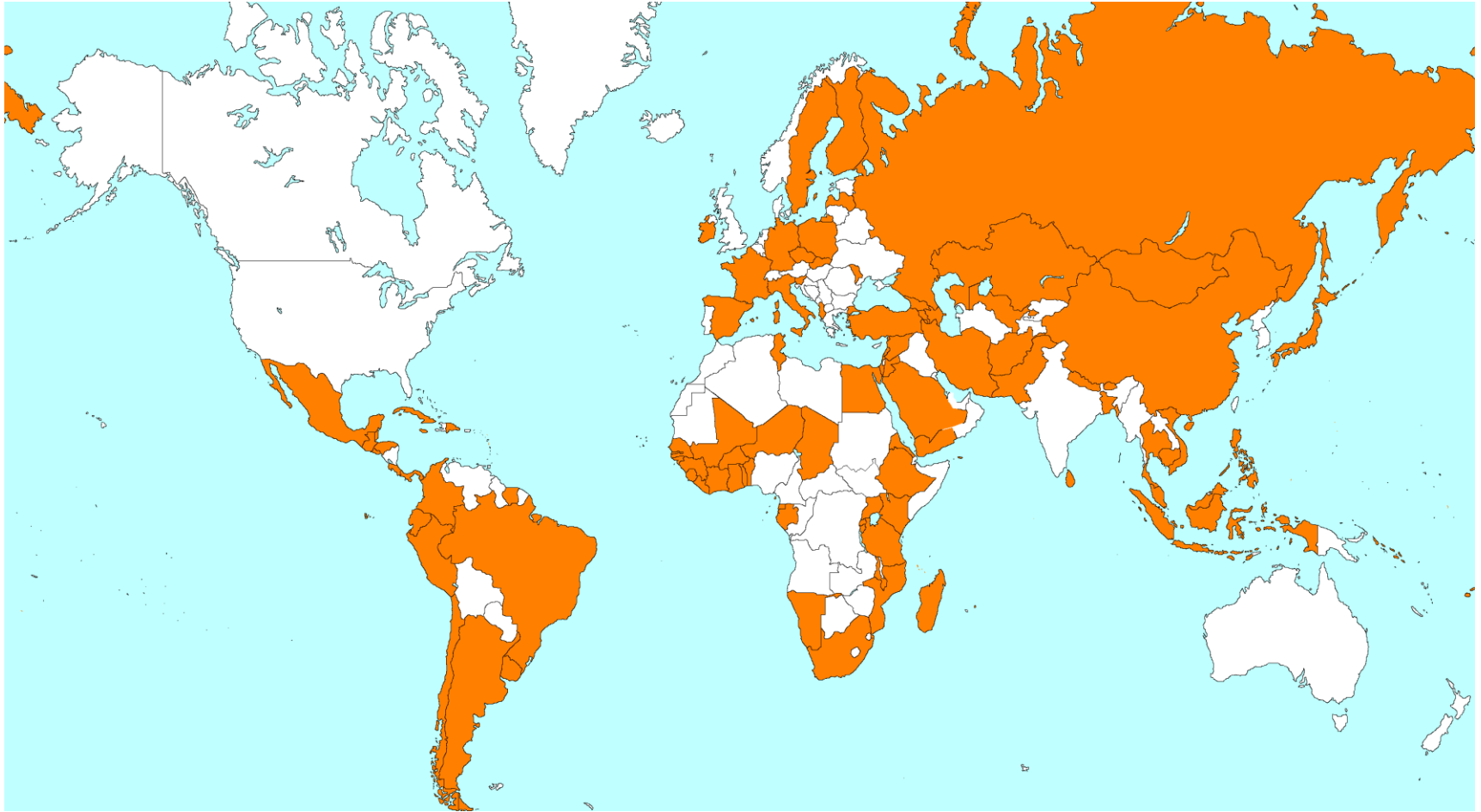
Structure:

CTCN hosted by UNEP in collaboration with UNIDO and supported by 11 partner institutions with expertise in climate technologies

National Designated Entities (NDEs)

105 NDEs have been selected by their countries as of 19 January 2015
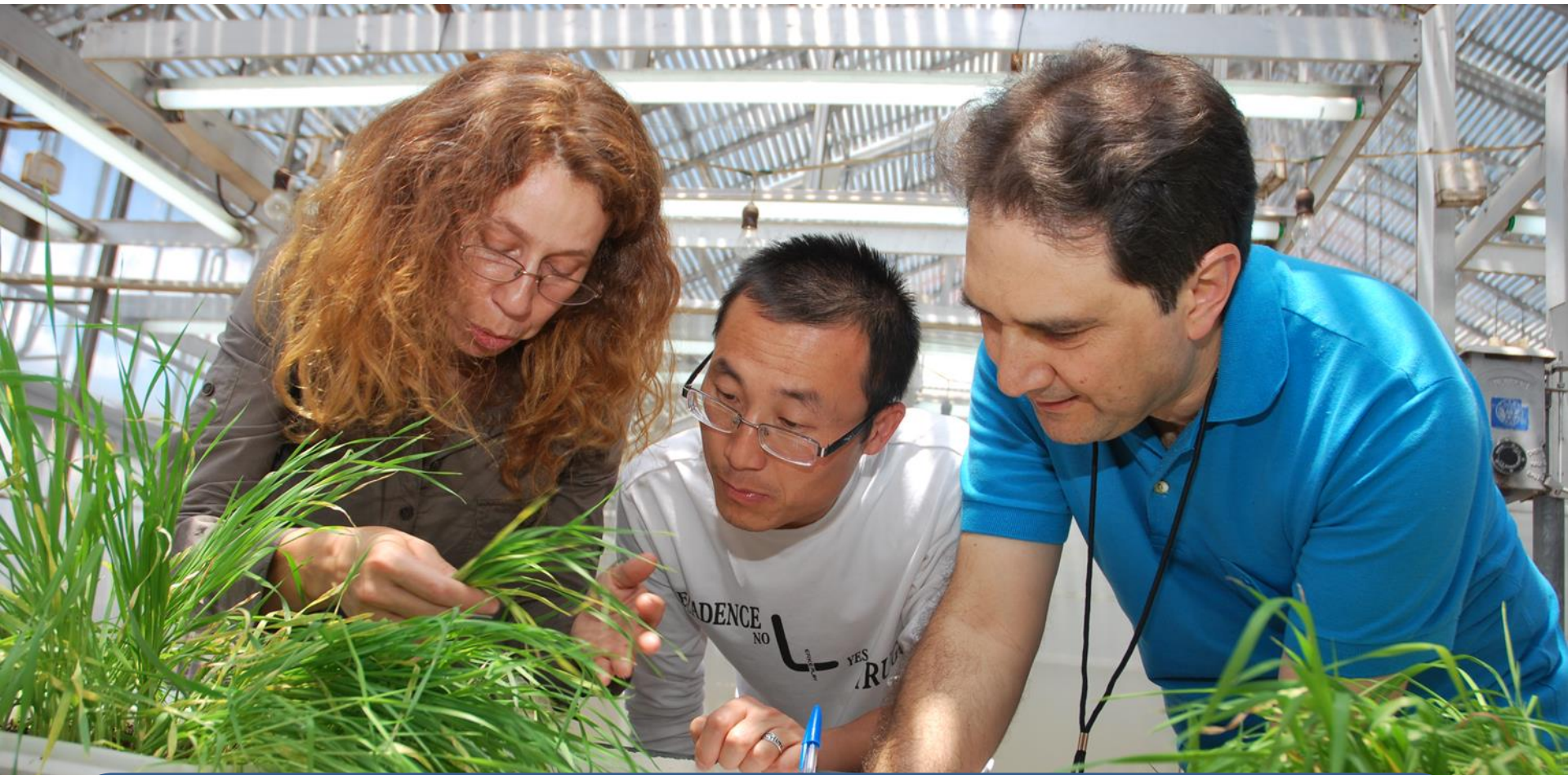
CTCN Technical Assistance

Provided:

- To developing countries upon their request
- Free of charge (value up to 250,000 USD)
- Expertise that is both state of the art and locally relevant
- To academic, public, NGO, or private entities
- For a broad range of adaptation and mitigation technologies

At all stages of the technology cycle:

- From identification of needs;
- policy assessments;
- selection and piloting technology solutions;
- to assistance that supports technology customization and widespread deployment

CTCN
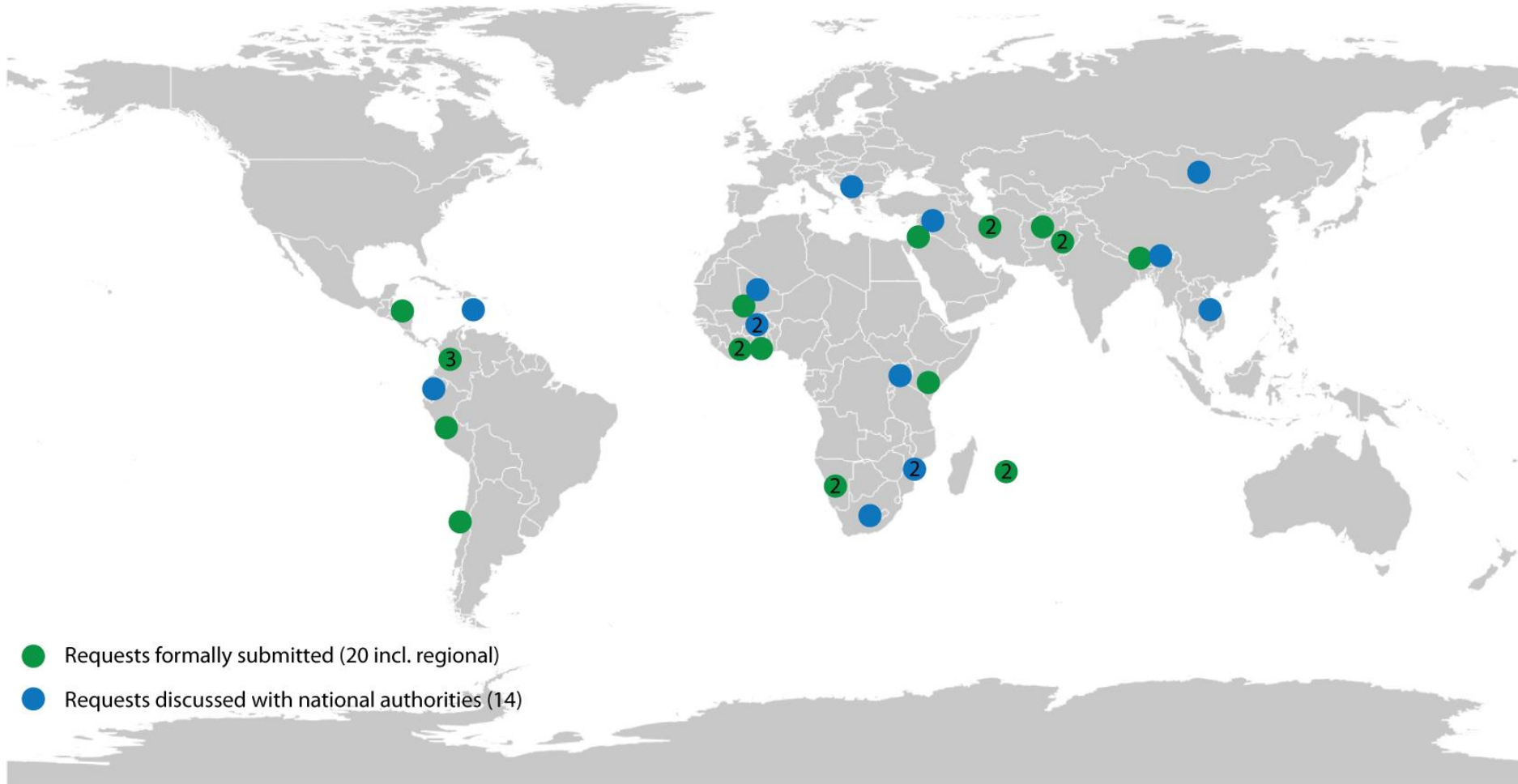CLIMATE TECHNOLOGY CENTRE & NETWORK
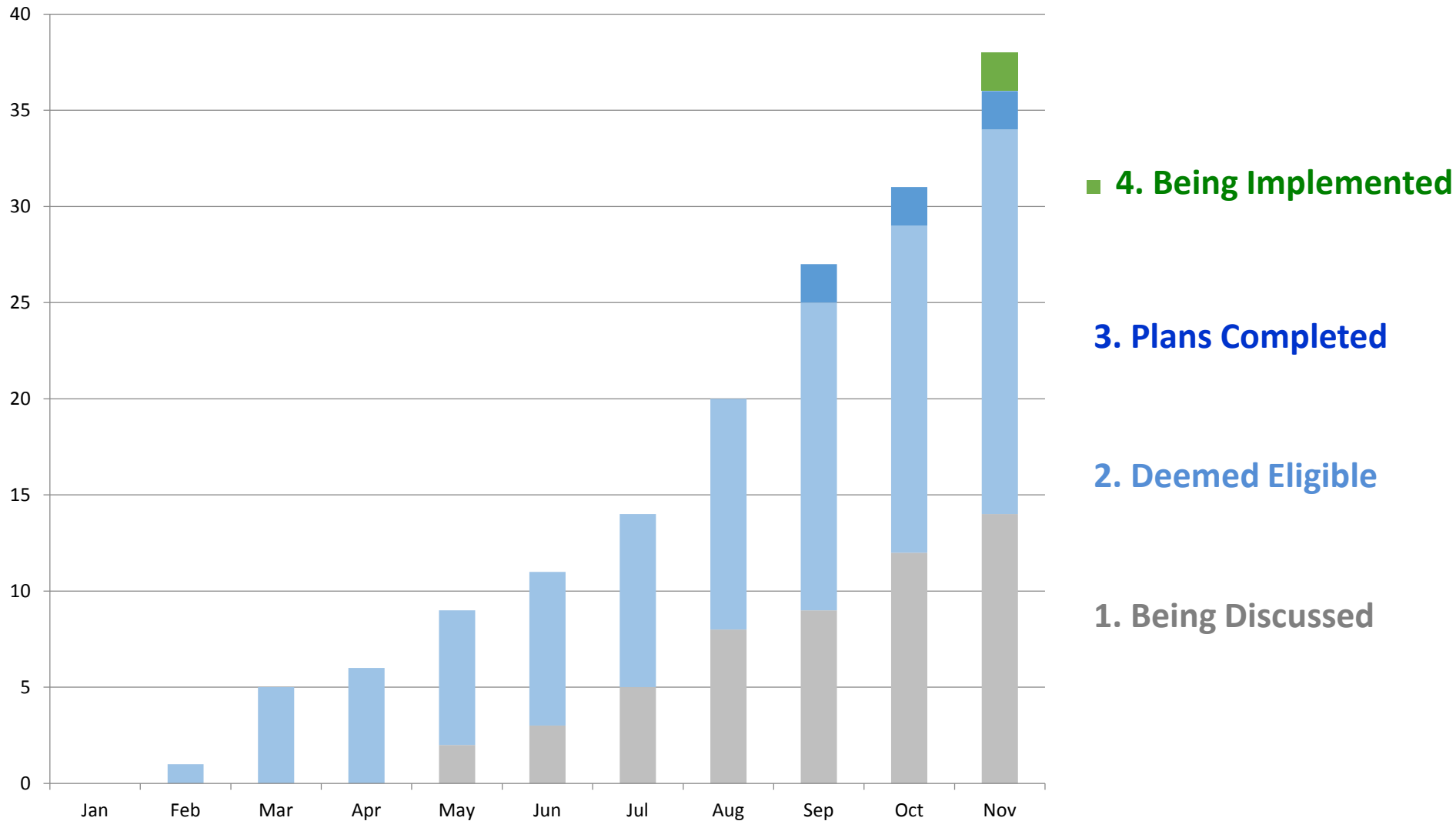
Climate Technology Network & Consortium

Through its Network, the CTCN mobilizes policy and technical expertise from academia, civil society, finance and private sectors to deliver technology solutions, capacity building and implementation advice to developing countries.

CTCN country requests

● Requests formally submitted (20 incl. regional)

● Requests discussed with national authorities (14)

CTCN Technical Assistance: Current Status

Legend:
- **4. Being Implemented**
- **3. Plans Completed**
- **2. Deemed Eligible**
- **1. Being Discussed**

Colombia: Energy efficiency and renewable energy

Applicant: Colombian Ministry of Environment and Sustainable Development

Request: Monitoring and evaluation of national energy efficiency and renewable energy strategies against national targets

Objective: To maintain Colombia's economic growth while reducing greenhouse gas emissions in productive sectors

Assistance:

- Assessment of incentives for energy efficiency (EE) and non-conventional energy sources (NCES) focused on fiscal incentives
- Design of a monitoring and evaluation mechanism to assess benefits derived and impact of national incentives

Response Expert Team:

- Fundación Bariloche (Buenos Aires, Argentina)
- National Renewable Energy Laboratories – NREL (Colorado, USA)

Iran: Photovoltaic Solar Cell Design & Manufacturing

Applicant: Iranian Ministry of Energy

Request: Guidance on the construction of a medium sized (1-5 MWp) solar photovoltaic plant to serve as a pilot project for the country

Objective: To learn how to independently design, produce and quality control the production of photovoltaic solar modules

Assistance:

- Inventory of needs and requirements for PV pilot line and gap analysis
- preliminary design based on gap analysis
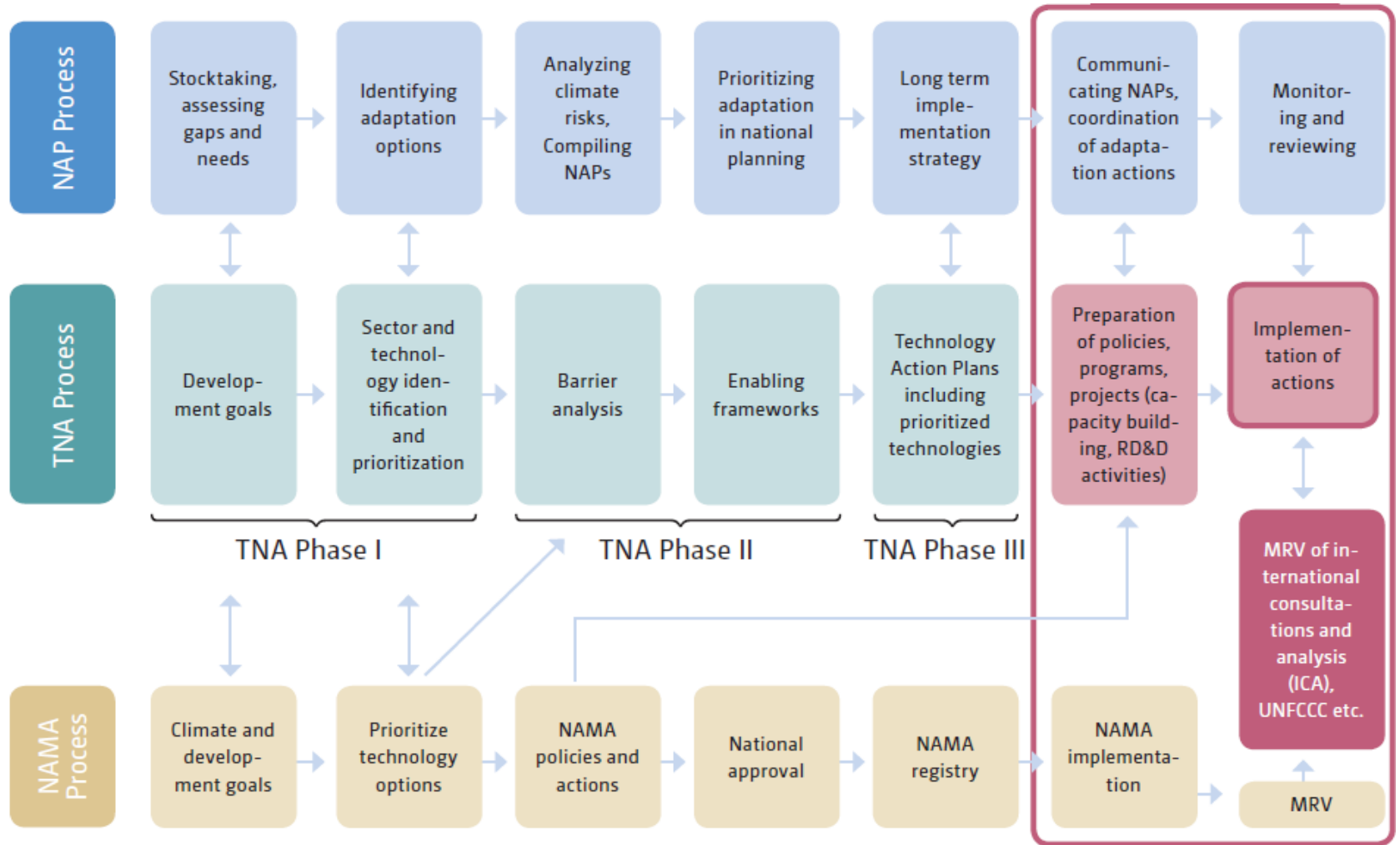- financial analysis for budgeting purposes

Response Expert Team:

- The Energy and Resources Institute - TERI (New Delhi, India)
- The Energy Research Centre of the Netherlands -ECN (Petten, The Netherlands)
- UNIDO Representative (Iran)

Linking CTCN activities with UNFCCC processes

Linkages and potential integration of TNA into NAMA and NAP

Planned CTCN activities for 2015 and beyond

<u>Key Outcomes of the Lima Conference
on Technology Development and Transfer (TDT):</u>

- TEMs on collaboration and synergies among UNFCCC institutions
- DC Parties to submit TA requests
- Coherence and synergy between TEC and CTCN
- TEC Task Forces on critical issues
- Linkage with bodies under and outside of the Convention
- Need for TNA process to be improved
- CTCN network and prioritization criteria
- CTCN procedures for handling TA requests
- CTCN to report on its consultations with GEF
- CTCN to report on funding available for TA requests
- TEC evaluation of the PSP

For more information, please visit:

www.demo.ctc-n.org