The Climate Technology Centre & Network: Operational Arm of the UNFCCC Technology Mechanism

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The Climate Technology Centre & Network: Operational Arm of the UNFCCC Technology Mechanism
UN Framework Convention on Climate Change

The Conference of Parties mandates...
“that the Climate Technology Centre shall facilitate a network of national, regional, sectoral and international technology networks, organizations and initiatives”

- COP 15 (Copenhagen) 2009: agreement to establish a “Technology Mechanism”
- COP 16 (Cancun) 2010: Technology Mechanism further elaborated (TEC and CTCN) and Technology Executive Committee created
- COP 17 (Durban) 2011: establishment of the Climate Technology Centre and Network; selection procedure for host agreed
- COP 18 (Doha): formal selection of UNEP as host of the Centre

**Climate Technology Centre & Network Mission:**

To stimulate technology cooperation and enhance the development and transfer of technologies to developing country parties at their request
CTCN’s Core Services

1. Provide technical assistance to developing countries to enhance transfer of climate technologies

2. Provide and share information and knowledge on climate technologies

3. Foster collaboration and networking of stakeholders on climate technologies

www.unep.org/climatechange/ctcn
CTCN Consortium

www.unep.org/climatechange/ctcn
NATIONAL DESIGNATED ENTITIES (NDEs)

96 NDEs instated worldwide
CTCN Structure
Core Centre co-managed by UNEP and UNIDO with the support of Consortium Members

Active engagement provided through the Network

www.unep.org/climatechange/ctcn
What do we mean by “technology”? 

- Definition of “technology” from IPCC report on technology transfer:
  
- Any equipment, techniques, practical knowledge and skills needed for reducing greenhouse gas emissions and adapting to climate change. This includes “hardware, software and orgware”.

[Image 0x-9 to 756x310]
[Image 20x15 to 173x55]
[31x478]www.unep.org/climatechange/ctcn
NETWORK MEMBERS

Benefits of joining

- Gain access to new markets to provide technical assistance based on requests (paid for by CTCN)
- Opportunities to share your expertise with a broader field
- Opportunity to learn about cutting edge climate technologies through webinars, workshops and the clearing house platform.

How to join:

- Submit a short membership request at www.ctc-n.org

How can join:

Public and private organisations developing and sharing climate technologies.
Examples of Network Members

- Bionas  BATC Development - *Malaysia*
- Business Council for Sustainable Energy (BCSE) - *USA*
- Climate and Development Knowledge Network (CDKN) – *Global*
- Corporation Institute of Ecology and Biodiversity (IEB) - *Chile*
- European Hydrogen Association (EHA) - *Belgium*
- Global Carbon Capture and Storage (CCS) Institute - *Australia*
Technical Assistance – Breakdown

By Region:
- Africa
- Asia and the Pacific
- Latin America and the Caribbean
- Eastern Europe

By Theme:

By Sector:
- Agriculture
  - Ecosystems
  - Cross-sectoral (monitoring)
- Renewable energy
  - Energy efficiency
  - Waste
  - Transport
  - Other GHG emissions
  - Cross-sectoral (planning)
- Institutional development
  - Technology prioritisation
  - Others

Adaptation
Mitigation
Both

www.unep.org/climatechange/ctcn
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<th>Country</th>
<th>Adaptation/Mitigation</th>
<th>Sector</th>
<th>Request</th>
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<tr>
<td>Afghanistan</td>
<td>Adaptation &amp; Mitigation</td>
<td>Agriculture/Energy/Water</td>
<td>Provide technical assistance to assess technology needs in selected priority sectors</td>
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<tr>
<td>Chile</td>
<td>Adaptation</td>
<td>Biodiversity</td>
<td>Design biodiversity monitoring network</td>
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<tr>
<td>Colombia</td>
<td>Adaptation</td>
<td>Cross-sectoral</td>
<td>Design monitoring system for national adaptation efforts</td>
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<tr>
<td>Colombia</td>
<td>Mitigation</td>
<td>Waste</td>
<td>Development of a Mechanical-Biological Treatment (MBT) pilot project</td>
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<tr>
<td>Colombia</td>
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<td>Energy</td>
<td>Monitoring and Evaluation of national energy efficiency (EE) and renewable energy (RE) promotion policies</td>
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<td>Côte d’Ivoire</td>
<td>Mitigation</td>
<td>Cross-sectoral</td>
<td>Development of an air pollution reduction strategy in Abidjan district</td>
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<td>Ghana, Kenya, Mauritius, Namibia</td>
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<td>Green Cooling Africa Initiative</td>
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<td>Honduras</td>
<td>Adaptation</td>
<td>Coastal zone/forestry</td>
<td>Build local capacity to monitor mangrove forests in Cuyamel Omoa</td>
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<td>Iran</td>
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<td>Technology of Photovoltaic Solar Cell Design and Manufacturing</td>
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<td>Pakistan</td>
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<td>Syria</td>
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<td>Cross-sectoral</td>
<td>Technology Needs Assessment for Climate Change</td>
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</tbody>
</table>
Requests for Technical Assistance

Examples of technical assistance that CTCN can provide:

- Development of a study to understand knowledge gaps on sustainable waste management and transitions to fill the gaps for mitigating GHG emissions.
- Recommendations concerning specific climate-proof technologies for coastal protection using natural ecosystems.
- Market assessment to introduce the use and deployment of solar energy technology in industry.
- Drafting a national strategy for climate disaster resilience in small islands.
- Development of a training programme on sustainable agroforestry practices for local communities.
- Support in rolling out an approach to collecting, aggregating and monitoring the success of low-carbon technologies for cattle farming in semi-arid regions.
- Development of a business plan for a new public agency that facilitates private sector investments in renewable energies.

www.unep.org/climatechange/ctcn
1400+ adaptation and mitigation information resources available

Navigation by region, country, sector or via keyword search

Mobile friendly

Technical assistance

Capacity building

Will be launched in 4th quarter 2014
Options for CTCN support on NAMA

Potential Activities in Partner Countries

Studies by local/regional consultants of emission red. potential

Workshop including international experts

Monitoring

Identify policies/ measures

Assess emission reduction potential

Set up MRV / GHG Inventory

Identify need for Intl support

Register NAMAs under the UNFCCC

Impleme nt transport NAMAs

Presentation of international examples

Training sessions

Provision of guidance through local and international experts

The NAMA development and registration process

www.unep.org/climatechange/ctcn
Thank you

For further information, please visit http://ctc-n.org