

**Presented by Sudhir Sharma, UNEP Risø on Behalf of Jukka Uosukainen Director CTCN.**

Dear Madams and Sirs,

I speak on behalf of Director CTCN, who sends his warm greetings and apologies for not being able to join us all here.

He has asked me to emphasize that CTCN is open for business and eager to help our developing country partners address technology related challenges. So countries are urged to contact CTCN office or visit the website to get more information. In terms of the CTCN's mission, our annual Work Plan and guidance to the NDEs as well as other stakeholders, you can find relevant information on our website, [www.unep.org/climatechange/CTCN](http://www.unep.org/climatechange/CTCN). The site also contains up to date information on our most recent meetings and trainings.

**The Climate Technology Centre and Network**

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*CTCN Mission: To accelerate technology cooperation and enhance the development and transfer of technologies tailored to developing country requests*

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The Climate Technology Centre and Network (CTCN) provides technical expertise and guidance on technologies that help industries, governments, and other institutions generate cleaner energy and become more resilient to changing climates. Through its 11 regional partners and Network of climate change and technology experts, the CTCN provides customized technology solutions, capacity building, and connects stakeholders with the information, service providers, and funding sources they need.

**CTCN Core Services**

- Technical assistance in identifying innovative climate technology solutions and capacity building options
- Access to an online climate technology system with information on climate technologies and how they are being used in various countries
- Regional and international networking opportunities at CTCN climate technology events and conferences

**CTCN services are available to:**

- Academic institutions
- Government agencies
- Non-profit organizations
- Private sector (small & medium businesses, manufacturers, utilities)

**CTCN's Innovative Approach**

- Country driven
- Quick response
- No cost technical expertise
- South - South cooperation
- Matching needs with relevant expertise
- Technology sharing and promotion
- Flexible and evolving with new technologies

## **Technologies**

**Adaptation technologies:** Climate technologies can also be implemented in order to both prevent damage and take advantage of opportunities caused by changing climates. Adaptation technologies can strengthen such sectors as agriculture, biodiversity, city planning, coastal protection, health, water supply, etc. through such efforts as adoption of water storage and conservation techniques, erosion control and soil protection, creation of wetlands as buffer against sea level rise and flooding, emergency and infectious disease services. Examples of adaptation technology Requests to the CTCN:

- Developing a seasonal climate prediction system for effective water management
- Developing a strategy for crop research and joint research with institutions in developing countries
- Mainstreaming climate change considerations in watershed management planning and monitoring
- Water-resource adaptation strategy to leverage and facilitate strategic investment in water resource management

### **Mitigation technologies**

Climate technologies can be used to tackle the causes of climate change by reducing greenhouse gas emissions and utilizing cleaner, often more efficient energies. These technologies can strengthen various sectors such as construction, energy, forestry, industry, transport, etc. through such activities as improving energy supply and distribution, shifting from fossil fuels to renewable heat and power, recycling industry material, and reducing deforestation. Examples of mitigation Requests to the CTCN:

- Market assessment for introduction of Electric Heat Pump technology in Dairy Industry
- Feasibility study to assess the possibilities of manufacturing of biomass gasifiers
- Capacity building in low carbon development technology for cattle farming in semi-arid regions
- Feasibility study for implementing community pilot project on improving efficiency of electric utility in selected state

## **NDES**

Currently, some 72 countries have nominated their National Designated Entities (NDEs). The progress in numbers has been particularly good during the recent month or so. I share my gratitude to those countries which have actively participated in our regional workshops and have already endorsed their national technology representatives. As this letter also includes the UNFCCC Country Focal Points, I hereby express my plea to countries, and especially to the least developed ones, to urgently nominate their NDEs, as that is the only way to receive focused services from the CTCN.

## **REQUEST PROCESS**

Responding to requests for technology assistance from developing countries is our core work. At the moment, we have received six official requests from Chile, Colombia, Honduras and Pakistan. We expect this number to grow quickly in the coming weeks. I strongly encourage other regions, namely Africa and Asia, to join in on this great initial start from the Latin American countries and Pakistan. When we receive your request, we will assess its eligibility according to the criteria established by the Advisory Board under

the UNFCCC, and inform you within a couple of weeks of the outcome. If the request is eligible, we assign the appropriate consortium members and other relevant resources to work with you to carry out the proper response actions together.

Regarding the request process, please familiarize yourself with the procedures outlined in the **NDE Manual**, and ask for help from our team if you find completing the necessary request forms too challenging. We are here to support you.

### **CAPACITY BUILDING AND AWARENESS RAISING**

We have held numerous regional seminars and workshops throughout Africa, Asia, Europe, Latin America and the United States in order to make our existence and services familiar to you. We just completed regional NDE workshops in Nairobi and Lima, and will continue with workshops in Cote D'Ivoire and with the Pacific and Caribbean Small Island Developing States.

I definitely understand that we need much more capacity building and awareness raising across regions and themes, and therefore ask you to send me any ideas and suggestions on the needs and issues to be covered in your respective countries and regions. We will be planning a comprehensive capacity building framework, involving all of our 13 consortium member institutions as well as Network members.

### **CLIMATE TECHNOLOGY NETWORK**

We have already received ten applications for membership to the Climate Technology Network. I have endorsed four of the applicants thus far, including:

The Renewable Energy Policy Network of 21st Century (REN21)

The Renewable Energy and Energy Efficiency Partnership (REEP)

The World Intellectual Property Organization (WIPO); and

The Climate and Development Knowledge Network (CDKN).

I urge you to consult with relevant institutions in your countries (including academic institutions, non-governmental organizations, and the private sector) to consider applying to the Network, especially those institutions working in the field of adaptation technologies.

Finally, we are in the process of rapidly developing our Knowledge Management System, with the assistance of our Consortium Partners, such as the National Renewable Energy Laboratories (NREL), and our Strategic Partner, Det Norske Veritas (DNV-GL). We hope to test the system in late summer and offer it for your use in the fall. We anticipate it will be a user friendly service, which will provide easy access to information on a wide variety of climate technologies and how they are being used. The site will also provide information for NDEs on the request process and have the ability to monitor which countries are placing requests. We hope that this service will be of help to you in your daily work as the climate technology focal points for your countries, and we welcome all of your suggestions for the sites content and usability.

I wish you all success in your important duties, and reiterate my commitment to serve you in fulfilling our common responsibilities under the UNFCCC framework.

Waiting your possible proposals and comments,