UN CTCN
Latin America and the Caribbean NDE Forum 2023
System Transformation through Climate Technology Transfer
24-27 October 2023, Panama City, Panama, In-person
Contadora Hall 1, Marriott Panama Hotel – Albrook, LACCW23

Background

The Climate Technology Centre and Network (CTCN) is the implementation arm of the Climate Change Convention (UNFCCC) Technology Mechanism. The CTCN promotes the accelerated transfer of environmentally sound technologies for low carbon and climate resilient development at the request of developing countries. The mission of the CTCN is to stimulate technology cooperation and to enhance the development and transfer of climate technologies to developing countries. The recently introduced CTCN’s 3rd Programme of Work (PoW) 2023-2027 aims to enhance transformational impact and scale across its core service areas through two proven technology enablers and five system transformation areas. As part of its mandate, and as one of its activities, the CTCN organizes Regional Forum for the National Designated Entities (NDEs) on an annual basis. This year, CTCN will structure its regional Forums according to the five system transformation areas of the 3rd PoW:

a) Water-Food-Energy Nexus
b) Building and Infrastructure
c) Sustainable Mobility
d) Energy Systems
e) Business and Industry

Objectives

This year the CTCN NDE Forum will be held in the framework of the Latin America and the Caribbean Climate Week in Panama City, Panama. The main objectives of the Forum are to engage and empower National Designated Entities (NDEs) and their relationship with other climate technology stakeholders to drive climate action across countries, communities, and economies. The forum will provide:

1) An update on CTCN 2023 activities, plans for 2024, and exhibit the latest development of CTCN services to developing countries in the region.
2) Discuss previous/potential technical assistant project ideas of each system transformation area of the PoW for the Latin America and the Caribbean region.
3) Share opportunities to build South-South or North-South collaborative RD&D and investment that co-benefits national and global climate change action.
4) Facilitate linkages between CTCN technical assistance and the Green Climate Fund (GCF) and other financial mechanisms, such as the Adaptation Fund, the Global Environment Facility (GEF) or NDC Partnership, relevant to climate technologies.

Participants

- NDEs from Latin America and the Caribbean
- Advisory Board and the Technology Executive Committee (TEC) Members
- Network Members and other climate technology stakeholders.
# NDE Forum Agenda

## Day 1 (Tuesday, October 24)

### Official Opening and Introduction to the Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>08:30~09:00</td>
<td>Registration</td>
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<tr>
<td>09:00~09:15</td>
<td>Opening Remarks&lt;br&gt;Host NDE – Panama. Dra. Ligia Castro, Climate Change Director, Ministry of Environment, MiAmbiente, Panama</td>
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<tr>
<td>09:15~09:25</td>
<td>Remarks&lt;br&gt;Juan Bello or delegate (TBC)&lt;br&gt;UNEP ROLAC, Regional Director and Representative</td>
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<tr>
<td>09:25~09:35</td>
<td>Remarks&lt;br&gt;Rajiv Garg&lt;br&gt;CTCN, Director (a.i.)</td>
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<td>09:35~09:45</td>
<td>Group Photo</td>
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### Session 1: Technology Mechanism Update and way forward

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>09:45~10:00</td>
<td>Outcomes of Negotiations, Global Stocktake and TEC - CTCN Joint PoW&lt;br&gt;TBC&lt;br&gt;UNFCCC Secretariat</td>
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<tr>
<td>10:00~10:30</td>
<td>TEC PoW, Activities and Outlook for 2023-2024 and TEC publications&lt;br&gt;Ambrosio Yobánolo Del Real&lt;br&gt;TEC Chair</td>
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<tr>
<td>10:30~10:45</td>
<td>Q&amp;A</td>
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**Coffee break - 15 minutes**

### Session 2: Roundtable of Countries

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:00~12:00</td>
<td>a. CTCN Activities and Outlook for 2023-2024.&lt;br&gt;Ramiro Salinas, CTCN Climate Change Specialist and Liaison for LAC&lt;br&gt;Update on the CTCN’s activities in 2023. (10 min)&lt;br&gt;Priority topics for TA, CB, and NE requests for 2024 and beyond.</td>
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<td>b. Presentation of participating countries and new NDEs.&lt;br&gt;Each NDE/delegate may introduce her/himself and provide a quick presentation on:&lt;br&gt;  - Experience with the CTCN/ CTCN Knowledge&lt;br&gt;  - Lessons learned from the TA process with the CTCN.&lt;br&gt;  - Priority needs</td>
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<td>12:00~12:50</td>
<td>c. Accessing Technical Assistance on Climate Technologies.&lt;br&gt;CTCN Team, Ramiro (10 min)</td>
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### Sustainable Mobility

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<th>Time</th>
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<tr>
<td>12:00~12:50</td>
<td>Sustainable Mobility Introduction&lt;br&gt;CTCN team, May (5 min)&lt;br&gt;Green Hydrogen Capacity Building + Feasibility Study for Low Carbon Transport in the Solomon Islands. – Rajiv Garg, CTCN Director (a.i.) (10 min)</td>
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<td>Time</td>
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<tr>
<td>12:50~13:00</td>
<td>Discussions</td>
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<td></td>
<td><strong>Session 3: Areas for System Transformation</strong></td>
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<tr>
<td>14:30 ~ 15:15</td>
<td><strong>Buildings and Infrastructure</strong></td>
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<td></td>
<td><strong>Introduction</strong></td>
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<td>CTCN team, Ramiro (5 min)</td>
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<td></td>
<td><strong>Case Study 1:</strong></td>
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<td>Development of a Marine Dynamics database for the Panamanian coasts to</td>
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<td>assess vulnerability and climate change impacts to sea level rise –</td>
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<td>Panama. Marta Ramírez, IHCantabria. (15 min)</td>
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<td><strong>Keynote:</strong> Yahaira Cárdenas, Vulnerability and Climate Risk Coordinator, MiAmbiente Panama. (10 min)</td>
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<td><strong>Case Study 2:</strong></td>
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<td>Marta Moneo – Regional Office for LAC (ROLAC), United Nations Environment</td>
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<td>Programme (UNEP). (15 min)</td>
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<td>15:15~15:30</td>
<td>Discussions</td>
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<td><strong>Session on Blockchain Technologies</strong></td>
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<td>15:30 ~ 16:00</td>
<td><strong>Blockchain &amp; Climate Change Institute</strong></td>
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<td>Alastair Marke, Director-General, Blockchain &amp; Climate Institute.</td>
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<td><strong>Coffee break - 15 minutes</strong></td>
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<td>16:15 ~ 16:50</td>
<td><strong>Energy Systems</strong></td>
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<td></td>
<td><strong>Introduction</strong></td>
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<td>CTCN team, May (5 min)</td>
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<td><strong>Case Study 1:</strong></td>
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<td>Development of a national roadmap for the use of low-temperature</td>
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<td>geothermal power in thermal conditioning in residential, industrial, and</td>
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<td>commercial sectors – Uruguay, Kathiana Aznarán, DEUMAN. (20 min)</td>
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<td><strong>Keynote:</strong> Carla Zilli, Ministry of Environment, Uruguay. (10 min)</td>
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<td>16:50~17:00</td>
<td>Discussions</td>
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<td>17:00~17:30</td>
<td><strong>Multi-country proposals in LAC</strong></td>
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<td><strong>Keynote:</strong> Rajiv Garg, CTCN Director (a.i.) and interaction with</td>
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<td>participating countries.</td>
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<td>17:30~17:35</td>
<td><strong>Closure of day 1</strong></td>
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# Day 2 (Wednesday, October 25)

## Session 3: Financial Mechanisms

**Moderator:** Rajiv Garg, CTCN Director (a.i.)

### Collaboration and linkages between the CTCN and financial organizations in the region.

**Panel of experts:** (15 min per panelist)

- Imen Meliane, Programming and Innovation Team, Adaptation Fund (AF).
- Graham Watkins, Climate Change Division Chief, Inter-American Development Bank (IDB).
- Jeniffer Hanna Collado, Regional Manager, Latin America & The Caribbean, NDC Partnership Support Unit.
- Valentina Villoria, Regional Officer – Latin America, Division of Country Programming, Green Climate Fund (GCF).

**09:00~10:00**

### Coffee break – 15 minutes

**10:00~10:15**

**Discussions**

**10:30~11:30**

**Enablers - National System of Innovation and Digitalization**

**Introduction**

CTCN team, Ramiro (5 min)

**Case Study 1:** Increase the water supply system resilience by incorporating drought risk modelling as a planning tool for climate change adaptation measures – Saint Kitts and Nevis. Azucena Rodriguez, HR Wallingford. 20 min

**Keynote:** Cheryl Jeffers, Ministry of Environment, Climate Action and Constituency Empowerment, Saint Kitts and Nevis. (15 min)

**Case Study 2:** Mapping contribution from the private sector, including NGOs, academia, commercial and development banking, for mitigation objectives and climate change adaptation needs in Dominican Republic, Rodrigo Valenzuela, DEUMAN. (20 min)

**11:30~11:45**

**Discussions**

**11:45~13:05**

**Enablers - National System of Innovation and Digitalization (continuation):**

**Moderator:** CTCN Team, Nadége.

**Specific Session on Technologies relevant to the region with CTCN Implementing Partners**

**Panel of experts:** (15 min per partner)

- Azucena Rodriguez, HR Wallingford
- Rodrigo Valenzuela, DEUMAN
- Marta Ramirez, IHCantabria
- Veronicka Macku, OIKO Logica
- Leida Mercado, CATIE

**13:05~13:20**

**Discussions**

**Lunch break 70 minutes**
# Water-Energy-Food Nexus

## Introduction

CTCN team, May (5 min)

Transforming Food Systems in Latin America and the Caribbean through Innovation: Adapted, Sustainable, and Equitable Food Systems.

- Identify relevant innovations for transforming the region’s food systems, making them more sustainable and reducing their carbon footprint, thereby supporting the achievement of the 1.5°C target.
- Support the dissemination of these innovations and lessons learned from their implementation, aiming to facilitate their scaling up from the local level to subnational, national, and regional levels.
- Create opportunities for exploring partnerships and strengthening knowledge-sharing networks among countries in the region.
- Generate ideas and gauge the interest of stakeholders present, including regional and local governments, the private sector, investors, youth, academia, and Indigenous Peoples, among others, in advancing a roadmap for transforming Food Systems in Latin America and the Caribbean.

- Moderator: Leida Mercado, Director of the Research Division at CATIE.
- Panelists:
  - Dr Muhammad Ibrahim, Director General CATIE
  - Pablo Imbach, Chief of the Climate Action Unit at CATIE
  - CTCN Team Rajiv Garg/Nadège Trocellier.

**NDEs -** (Ajani Alleyne, Ministry of Economic Growth & Job Creation, Jamaica, Nora Páez, Ministry of Environment and Sustainable Development, Paraguay)

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<tbody>
<tr>
<td>14:30 ~15:40</td>
<td>Discussions</td>
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<tr>
<td>15:40~15:50</td>
<td>Discussions</td>
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<tr>
<td>Coffee break – 15 minutes</td>
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<tr>
<td>16:05~17:05</td>
<td><strong>Business and Industry</strong></td>
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<tr>
<td><strong>Introduction</strong></td>
<td>CTCN team, Ramiro (5 min)</td>
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<td><strong>Case Study 1:</strong> Supporting the transition to a circular economy in Costa Rica. Cynthia Córdoba, MINAE Costa Rica. (20 min)</td>
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<td><strong>Case Study 2:</strong> Research, Development, and Deployment of climate technologies for the reduction of GHG emissions in dairy farms, through the circularity of flows and materials in Uruguay. Veronika Macku, OIKO Logica. (20 min)</td>
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<td><strong>Keynote:</strong> Beatrix Martins – Regional Office for LAC (ROLAC), UNEP (recording alternative). (15 min)</td>
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<tr>
<td>17:05~17:15</td>
<td>Discussions</td>
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<tr>
<td>17:15~17:30</td>
<td>Closing remarks of the NDE Forum, Rajiv Garg Director (a.i.) CTCN</td>
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### Day 3 (Thursday, October 26)

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<th>Time</th>
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<tr>
<td>09:00~11:00</td>
<td><strong>Bilateral meetings</strong>&lt;br&gt;CTCN: Priority topics for TA, CB, and NE requests for 2024 and beyond&lt;br&gt;NDEs individually with CTCN team members&lt;br&gt;NDEs presentation of project ideas prepared in advance.</td>
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<td><strong>Coffee break 15 minutes</strong></td>
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<tr>
<td>11:15~13:00</td>
<td><strong>Bilateral meetings</strong>&lt;br&gt;CTCN: Priority topics for TA, CB, and NE requests for 2024 and beyond&lt;br&gt;NDEs individually with CTCN team members&lt;br&gt;NDEs presentation of project ideas prepared in advance.</td>
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<td><strong>Lunch break 60 minutes</strong></td>
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<tr>
<td>14:00~16:00</td>
<td><strong>Bilateral meetings</strong>&lt;br&gt;CTCN: Priority topics for TA, CB, and NE requests for 2024 and beyond&lt;br&gt;NDEs individually with CTCN team members&lt;br&gt;NDEs presentation of project ideas prepared in advance.</td>
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### Day 4 (Friday, October 27)

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<th>Time</th>
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<tr>
<td>09:00~15:00</td>
<td><strong>Latin America and the Caribbean Climate Week 2023 and bilateral meetings</strong></td>
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