



UN CTCN Webinar Introduction of Collaborative Research, Development and Demonstration (cRD&D)

October 28, 2025
online via MS Teams

Background

The Climate Technology Centre and Network (CTCN), the implementation arm of the UNFCCC Technology Mechanism, has long supported the efforts of developing countries to pursue low-carbon, climate-resilient development pathways through the transfer and deployment of environmentally sound technologies. Since its inception, the CTCN has provided technical assistance, capacity building, and knowledge sharing services to over 110 countries, contributing to the advancement of their climate technology capabilities and national climate action commitments.

To build on this foundation and address persistent gaps in the mid- to late-stage innovation process, the CTCN is expanding its strategic priorities to include a stronger focus on Collaborative Research Development and Demonstration (cRD&D). By promoting joint knowledge generation, context-specific problem solving, and co-creation of technologies suited to local needs and ecosystems, this strategic emphasis seeks to strengthen enabling environments and enhance the absorptive capacity of developing countries.

Unlike conventional approaches that focus primarily on technology transfer at the deployment stage, cRD&D fosters reciprocal cooperation between technology providers and recipients through collaborative planning, implementation, and evaluation. Guided by such mandates from the Technology Mechanism, cRD&D encompasses a diverse set of activities such as joint research initiatives, institutional exchange programs, and demonstration-based commercialization models. The strategic framework and key programme activities of the cRD&D have been discussed at the latest 25th Advisory Board (AB) meeting in April 2025.

To promote global alignment among NDEs, the CTCN hosts a global cRD&D Introduction Webinar. This webinar forms a core component of CTCN's broader engagement strategy that aims to catalyse practical collaboration and build long-term capacity for climate innovation in developing countries.

Objectives of cRD&D Introduction Webinar

The Webinar aims to provide an accessible and comprehensive overview of CTCN's cRD&D approach to a global audience of NDEs. The key objectives of the Webinar are:

- 1) Present the strategic vision and key principles of cRD&D within the CTCN framework.
- 2) Introduce the core cooperation models and project cycle, including request, review and selection, implementation, and completion.
- 3) Highlight lessons learned and key recommendations from the 2024 cRD&D strategic research project.
- 4) Outline participation opportunities for developing countries in the Learning Visit and Bridge-Building Workshop in 2026.
- 5) Facilitate regional engagement and expressions of interest through a live Q&A.

Target Participants

- National Designated Entities (NDEs)
- CTCN Network members

Duration & Format

The webinar will be hosted online via MS Teams and offered in two sessions to accommodate different time zones. Both sessions will follow the same agenda and will be conducted in English, with live subtitle translation available in selected languages.

Time	Regions
10:00-11:30 CET	Asia-Pacific, Africa
16:00-17:30 CET	Eastern Europe, Latin America & Caribbean

Programme Agenda:

Morning session 10:00-11:30 CET

Time (CET)	Item
10:00 – 10:05 (5 mins)	Welcome Remarks Ariesta Ningrum, Director, CTCN
10:05 – 10:15 (10 mins)	Background on TEC's Collaborative RD&D Bhava Dhungana, Team Lead, Technology Subdivision, UNFCCC
10:15 – 10:45 (30 mins)	Introduction to the CTCN's Collaborative RD&D Suil Kang, Coordination Officer, CTCN <ul style="list-style-type: none"> • General Overview of cRD&D • Strategic Framework and Roles • Stakeholder Engagement and Capacity Building
10:45 – 11:10 (25 mins)	Thematic Areas and Technical Assistance Portfolios Hoyong Jo, Nadege Trocellier, Robinson Mugo (CTCN) <ul style="list-style-type: none"> • Regional cRD&D examples presented by TA representatives
11:10 – 11:25 (15 mins)	Q&A with participants
11:25 – 11:30 (5 mins)	Closing Remarks Stephen Minas, Chair, CTCN Advisory Board

Programme Agenda:

Afternoon session 16:00-17:30 CET

Time (CET)	Item
16:00 – 16:05 (5 mins)	Welcome Remarks Ariesta Ningrum, Director, CTCN
16:05 – 16:15 (10 mins)	Background on TEC's Collaborative RD&D Bhava Dhungana, Team Lead, Technology Subdivision, UNFCCC
16:15 – 16:45 (30 mins)	Introduction to the CTCN's Collaborative RD&D Suil Kang, Coordination Officer, CTCN <ul style="list-style-type: none"> • General Overview of cRD&D • Strategic Framework and Roles • Stakeholder Engagement and Capacity Building
16:45 – 17:10 (25 mins)	Thematic Areas and Technical Assistance Portfolios Valentin Rudloff, Molly Sharone, Ramiro Salinas Revollo (CTCN) <ul style="list-style-type: none"> • Regional cRD&D examples presented by TA representatives
17:10 – 17:25 (15 mins)	Q&A with participants
17:25 – 17:30 (5 mins)	Closing Remarks Stephen Minas, Chair, CTCN Advisory Board