2026 Asia NDE Joint Programme

Forum, Capacity Building on Energy, and NDE-NDA Coordination Meeting

7-10 July

Pattaya, Thailand

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nxpo OFFICE OF NATIONAL HIGHER EDUCATION SCIENCE RESEARCH AND INNOVATION POLICY COUNCIL

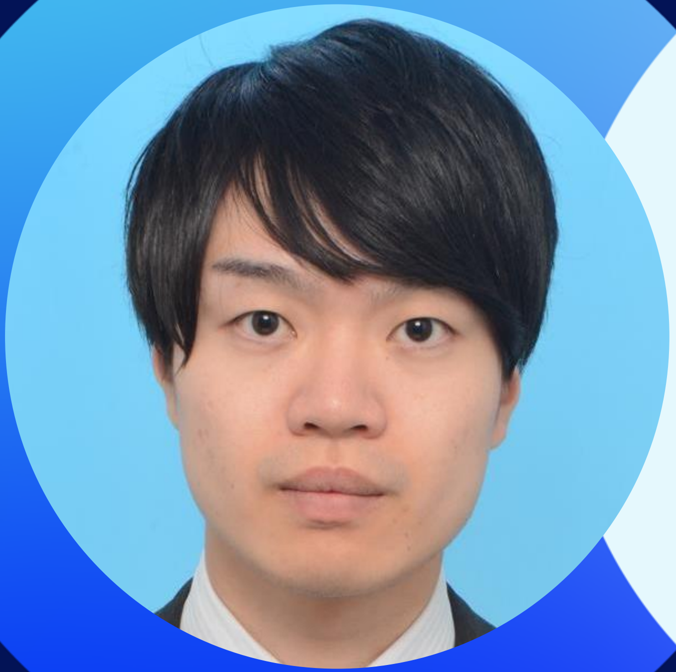
GREEN CLIMATE FUND

NDE-NDA Coordination Meeting

2026 Joint Programme: Asia NDE Forum, Capacity Building, NDE-NDA coordination meeting, 7-10 July 2026

CTCN Secretariat

Ariesta Ningrum
Director of Climate Technology Centre & Network (CTCN)



Ryosuke Tanaka
Global Environmental Affairs Office
METI, Japan

Today's schedule and flow

09:30-11:00	**Session 1** Current Status of TM-FM linkages (+ 15 mins coffee break)
11:00-12:30	Session 2: GCF Activities and Outlook for 2026-2027
12:30-13:30	Lunch Break
13:30-15:10	**Session 3** Opportunities for Scale-up
15:10-16:30	Session 4: Climate Project Marketplace
16:30-17:05	Way forward and Closing

Flow of the Session

The sessions will move from initial framing and individual reflection, to group-based discussions, and conclude with shared insights and collective learning in plenary.

Listen

Reflect

Discuss

Share

Materials at hand

to support readiness and engagement

- Workbook for exercises and individual reflections

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Session 1

Current Status of TM-FM linkages

CTCN's Reflection on TM-FM linkages

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The aim of Linkages

Ensuring financial resources for, and scaling up action on, technology development and transfer

Ways to facilitate the linkages and Lessons Learned

- Stronger collaboration with Green Climate Fund (GCF) through launching of PALO
- Resource mobilization and partnership strategy for 2023-2027: new avenues for strengthening its engagement with the operating entities of the Financial Mechanism
- Strengthening collaboration and coordination among national designated entities for technology development and transfer, national designated authorities (NDA) for GCF and operational focal points (FP) for the Global Environment Facility (GEF)
- The provision of relevant capacity-building support to developing country Parties

Current Activities

- ○ Identifying target countries based on database on CTCN NDE and GCF NDA, NDE-NDA Coordination meeting during Asia NDE Forum through Japanese METI and MOE funding
- ○ Cross participation in GCF/CTCN events

Vision and Future Practical Solutions

- ○ Belem Technology Implementation Programme
- ○ Collaboration with NDAs, DAEs and AEs and GCF Secretariat in the development of country platform (e.g. NDE=NDA, underserved countries)

Cases of TM-FM linkage

Country-Led

Driven entirely by a country's national priorities and ownership. NDE-NDA align their TA-FP requests with national strategies (e.g., NDC, NAP) to directly unlock large-scale climate finance. Implementing partner or NDE-NDA remained same along the way.

Examples: Ghana, Lao PDR

Network-Supported

Leveraged by the technical expertise of CTC's Network Member. Network member conducts feasibility studies to de-risk investments and bridges to scale-up opportunities.

Example: Pakistan

Multi-stakeholder coordinated

Two Secretariats' step-wise collaboration in supporting excellent Network members and countries with strong will for a scale-up to develop GCF CN, PPF proposals and FP.

Example: Kenya

Country Owned
Ghana - 2016 CTCN TA to 2025 FP 265

Improving resiliency of crops to drought through strengthened early warning within Ghana

Total budget
USD243,000

Duration
2016-2018

Implementing Partner
UNEP DHI

Outputs
- Design an early warning system for dry season management
- Adjust and validate drought early warning and forecasting technologies to local conditions
- Create stronger collaboration among national and local institutions for drought management and climate resilience of crop production
- Design **a roadmap to scale up deployment with financing of this early warning technology**

FP265: Climate-resilient landscapes for sustainable livelihoods in northern Ghana

Total Investment
USD 70.19m

Lifespan
7 years of implementation, 28-year total lifespan

Accredited Entity, Executing Entities
UNEP and Environmental Protection Agency (EPA) and Ghana Meteorological Agency (GMet)

Impact / Beneficiaries
~691,000 direct beneficiaries (52% women) and **~2.8 million indirect beneficiaries**

Multi-stakeholder coordinated Kenya – 2024 PPF to 2026 FP 292

2022 PPF Concept Note development

Total budget CTCN
USD 75,000

Duration
6months

Implementing Partner
Sustainable Solutions Africa (SSA) - Kenya Commercial Bank's private sector direct access entity

Outputs
Developed the initial concept note and conducted feasibility assessments

2024 PPF MSMEs focusing on Climate-Smart Technologies (CST) in Kenya

Total grant
USD 540,000

Duration
6months

Organization
KCB Bank Kenya Limited

Aim
MSMEs, contributing 40% to the Kenyan GDP, to adopt Climate Sound Technologies (CST) to support the NDC objectives

FP292: Scaling climate-smart solutions for hardest-to-reach MSMEs and farmers in Kenya (CST Facility)

Total Investment
USD 96.9m

Lifespan
5 years

Accredited Entity, Executing Entities
KCB Bank Kenya Limited

Impact / Beneficiaries
3.9m tonnes of Co2 equivalent avoided and 939K beneficiaries

Country-owned: Reflection of Lao PDR TA to GEF

Mr. Alounxay Onta, Director of International Organization Cooperation Division, Department of Planning and Cooperation, Ministry of Agriculture and Environment (MAE), NDA of Lao PDR

From Technology Roadmap to Climate Investment: Leveraging CTCN Support for NDC Implementation in Pakistan

Imran Khan, NDE of Pakistan & Usman Manzoor, Program Lead, Global Green Growth Institute (GGGI) Pakistan

GCF's reflection on TM-FM linkages – Lessons learned and best practices

Hansol Park, Climate Policy Specialist, GCF

Coffee break (10:45~11:00)

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Session 2

GCF Activities and Outlook for 2026-2027

Energy Asia portfolio overview and examples – Lessons learned and Technologies involved

Ivo Besselink, Senior Sector Specialist - Energy and Industries, Department of the Asia and the Pacific Region, GCF

Readiness & Preparatory Support Programme

AJ Untalan, Readiness Programme Officer, GCF

Q&A

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Session 2

GCF Activities and Outlook for 2026-2027

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Lunch break (13:00~14:00)

Session 3

Opportunities for Scale-up

Scaling up Climate Technology Solutions

Dr. Murtaza Syed, Acting Global Head of Ecosystem and Climate Economics, AIIB

EDB's Green Investment Portfolio and Partnerships for Climate Action

Evgeniya Klochkova, Head of Office for Sustainability, Eurasian Development Bank

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Scaling Climate Finance with KDB

Eugina Kim, Korea Development Bank

Climate Technology and Climate Finance: GGGI's Global Approach

Michael Bak, Senior Analyst, Adaptation & Agriculture, GGGI Asia

Climate vision, strategy, modalities and ideas of ADPC

Dr. Peeranan Towashiraporn, Director Risk Analytics and Climate Services, ADPC

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Session 4

Climate Project Marketplace

Technical Assistance and Country Platform: Status

Countries with no TA

- Sri Lanka
- Bhutan
- India
- Indonesia
- Kazakhstan
- Philippines
- Turkmenistan

TA Portfolio on Adaptation

- Lao PDR
- Malaysia
- Tajikistan
- Uzbekistan
- Mongolia
- Vietnam

TA Portfolio on Mitigation

- Bangladesh
- Kyrgyzstan
- Timor-Leste
- Pakistan

Country Platform

- The Philippines

Where possible, project ideas should consider:

- Potential Accredited Entities, implementation partners, or supporting institutions that could support advance the project.
- Responsibilities for developing a bankable concept note or funding proposal, including potential funding sources for project preparation (e.g., GCF Readiness, donor support, technical assistance projects).
- Coordination mechanisms required among national stakeholders, and the respective roles of the NDE, NDA, line ministries, and other partners following the Forum.
- Realistic follow-up actions that can be undertaken within the next three to six months to advance the project toward implementation or financing readiness.

Feedback from NDEs, NDAs, and Key stakeholders

Closing Remarks

Tomoko Furusawa, CTCN

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