



CTCN

CLIMATE TECHNOLOGY CENTRE & NETWORK
UNFCCC Technology Mechanism

CTCN engagement with the Financial Mechanism

13th meeting of the CTCN Advisory Board, Copenhagen,
Denmark 27-29 March 2019

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Linkages with the Financial Mechanism

COP24: decision on linkages between Technology & Financial Mechanisms (§6, §7):

- Developing countries Parties are invited to seek support from the CTCN to develop and submit technology-related projects to the operating entities of the Financial Mechanism.
- The Parties also invited the CTCN to consult with the GCF and the GEF to identify ways to enhance information sharing among NDEs, NDAs, and GEF focal points.

Engagement with the GEF: GEF-5 MSP

Technical Assistances within the CTCN GEF Pilot:

- **Chile** – To support the replacement of F-refrigerants used in refrigeration system in food processing production and exports (fruits and vegetables)
- **Dominican Republic** – Development of Advanced energy-efficient lighting technologies
- **ECOWAS** – Mainstreaming gender for a climate resilient energy system in West Africa
- **Gambia** - Recycling of organic waste for energy and smallholder livelihood
- **Paraguay** – Environmental flows and river basin management for the Tebicuary river
- **Viet Nam** – Bio-waste minimization and valorization for low-carbon production in rice sector
- **Zimbabwe** – Piloting rapid uptake of industrial energy efficiency and efficient water utilization in the industrial sector
- **Uganda** – Formulating geothermal energy policy, legal and regulatory framework

Engagement with the GEF: GEF-7 FSP proposal

Project Outline:

- Building on the experience from GEF-5 MSP, and submission under the GEF-6 cycle that was technically sound and in line with GEF priorities
- USD 5 million (2,5 million CCM/GFT; 2,5 million CCA/LDCF)
- 5 years duration
- Jointly implemented by UNIDO and UN Environment
- Executed by CTC + Network Members

- Priority to lower capacity countries, LDC, SIDS, and other vulnerable countries
- More synergies/alignment with relevant initiatives (e.g. GEF portfolio, GCIP, GCF)
- Reinforce linkages between GEF OFPs, NDEs and other focal points
- Gender focus
- Encourages regional synergies

Timeline:

- Submission of the project document to the GEF Sec: by April 5th

Engagement with the GEF: GEF-7 FSP proposal

The project activities are expected to contribute to the following elements:

For mitigation:

- CCM Objective 1. Promote innovation and technology transfer for sustainable energy breakthroughs:
 - CCM-1-1: decentralized power with energy usage
 - CCM-1-2: electric drive technologies and electric mobility
 - CCM-1-3: accelerating energy efficiency adoption
 - CCM-1-4: clean tech innovation

For adaptation:

- CCA-1: Reduce the vulnerability of people, livelihoods, physical assets and natural systems to the adverse effects of climate change
- CCA-2: Strengthen institutional and technical capacities for effective climate change Adaptation
- CCA-3: Integrate climate change adaptation into relevant policies, plans and associated processes

Engagement with the Adaptation Fund

- Working on joint capacity building for Adaptation readiness - together with UNFCCC.
- CTCN invited to submit proposal for administering the innovation micro-grants climate window – USD 5M – proposal to be considered by the October Board meeting

Engagement with the GCF: Readiness

Development of a Tonga Energy Efficiency Master Plan (TEEMP)

- TEEMP with achievable energy efficiency and greenhouse targets has been developed.
- The TEEMP addressed a potential of 55% of the total GHG reduction targets : electricity generation (23%) and ground transportation (32%).
- Once the TEEMP will be fully implemented, reductions in energy usage in transport and building sectors will offer a reduction of 93.4 thousand metric tonnes of CO₂e a year by 2030
- CTCN providing follow-up FTA for stakeholders consultations to finalize government approval



TONGA



GCF grant amount: 200,000 USD

Engagement with the GCF: Readiness

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

The assistance enabled to:

- pilot a technology to help Ghana plan and cope with extreme climate events and droughts;
- prepare the scale up of the technology to the whole country, and
 - increase the overall country's early warning capacities.
- Intended impact: the established drought early warning system will increase the capacity for climate change and climate variability adaptation within the agriculture and water sectors.
- The assistance will have a positive impact on organizations and stakeholders involved in dry season management, and local farmers utilizing the disseminated outputs.



GHANA



GCF grant amount: 300,150 USD

Engagement with the GCF: Readiness

3 TAs funded through GCF Readiness are currently under implementation – 915,384 USD

Mauritius

Climate Change Vulnerability and Adaptation Study for the Port of Port Louis

Expected outcomes:

- Basis for identifying, designing and implementing mitigation measure to alleviate climate change impact;
- Strengthened capabilities and capacity of Port Louis' harbour stakeholders' organizations;
- Improved preparedness of the Port Louis to climate change.

Myanmar

Promoting data for climate change, drought and flood management

Expected outcomes:

- Establishment of reliably and timely data and information for climate change assessments, drought and flood management;
- Improved access to the latest available climate models;
- Increased use of more advanced technologies and enhanced knowledge for climate related studies.

Palestine

Technology Road Map for the Implementation of Climate Action Plans (INCR, NAP and NDC)

Expected outcomes:

- Ready-to-use structure for the various national climate action plans, translating the plans' objectives into concrete, time-related actions related to a selected group of technologies.

Engagement with the GCF: Readiness

3 TAs submitted and currently under GCF review

Nigeria

Technical guidance and support for conducting a Technology Needs Assessment

Expected results:

- A Technology Needs Assessment is conducted for the most critical sectors of the economy;
- Potential sources for funding are identified;
 - Technology needs are prioritized.

Georgia

Develop emission reduction technologies for Tkibuli mine Georgia

Expected results:

- A testing programme is designed to predict the potential effectiveness and practicability of a gas drainage system.

Thailand

Fostering Green Buildings in Thailand Towards Low Carbon Society

Expected results:

- Wide scale adoption of suitable technologies to meet prevalent BEC;
- Adoption of energy efficient technologies will result in market transformation;
 - Improved quality of life and job creation.

Under GCF review since November 22, 2018

Engagement with the GCF: Readiness

10+ additional TAs in the pipeline to be
submitted in the course of 2019 –
Technology Needs Assessments,
Appliances, Agriculture, Renewable Energy



Ongoing engagement with the GCF

- CTCN participated in the Third Annual Meeting of the GCF with the constituted bodies of the UNFCCC organized at COP24

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Engagement with the GCF: What's next?

Joint sub-regional
meetings as part of the
new GCF Communities
of Practice ?



Would current modalities
increase collaboration to the
level expected by Parties?



Joint work on SMEs to
bridge TA with GCF
Private Sector Facility?



Joint communications to
countries on CTCN offering
through GCF Readiness
Programme ?



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