

CLIMATE TECHNOLOGY CENTRE & NETWORK



CTCN

Lessons emerging from AFCIA

23 November 2021

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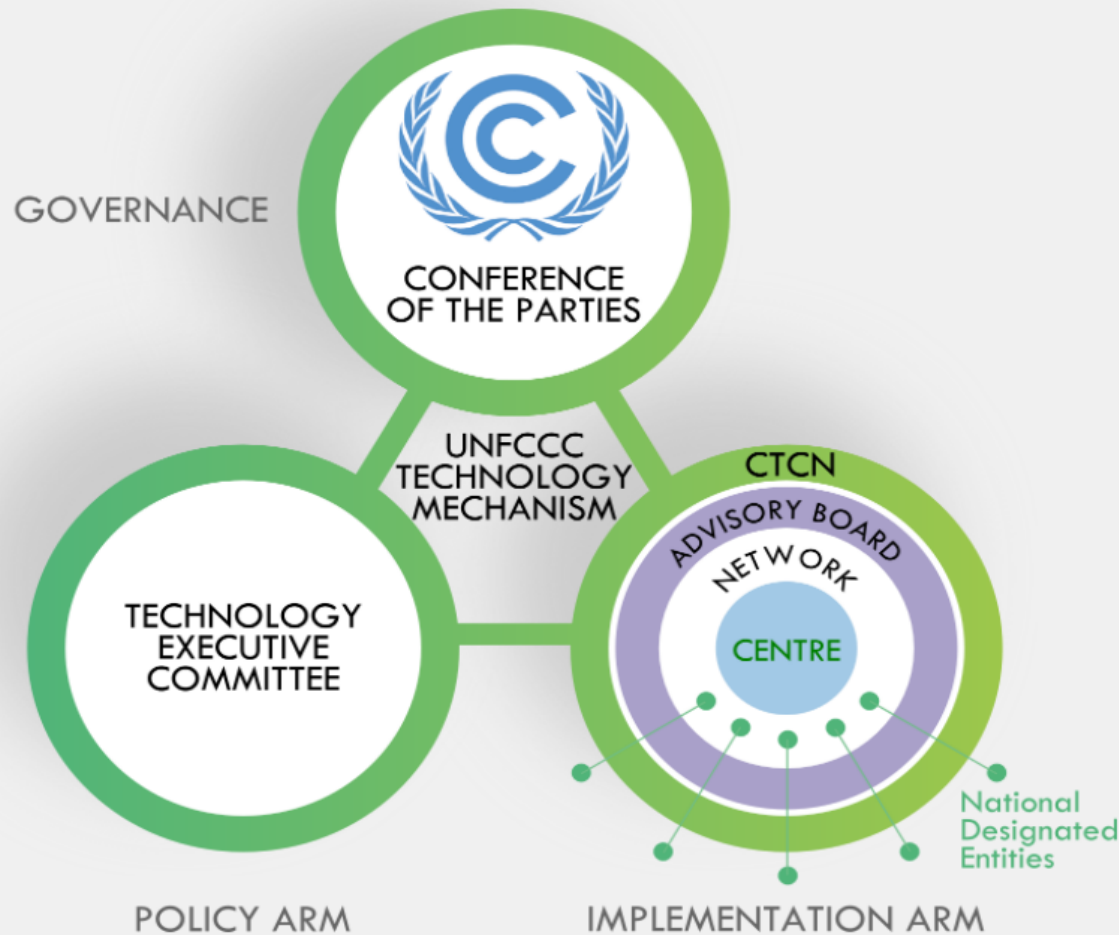
ADAPTATION FUND

Climate 
Innovation
Accelerator

SMALL GRANTS. BIG IMPACT.

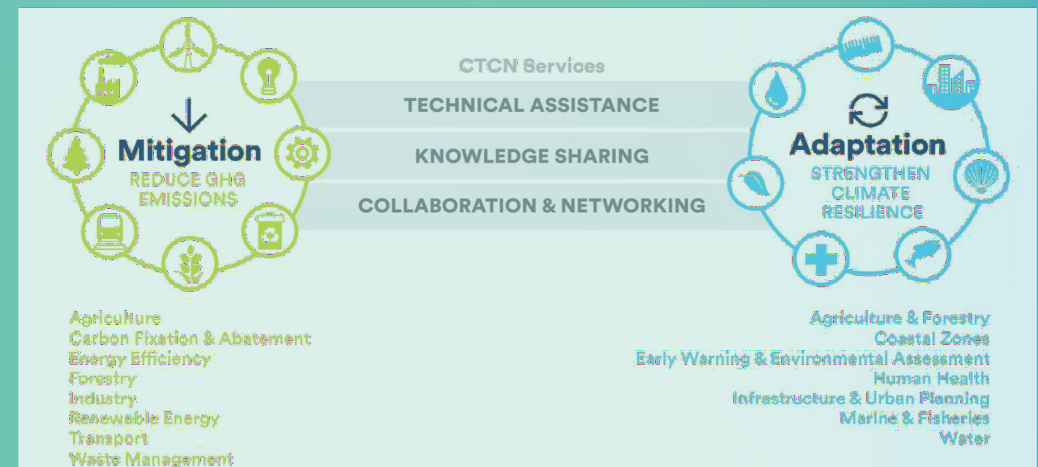


UNFCCC Technology Mechanism



mission..

to promote the accelerated development and transfer of climate technologies for energy-efficient, low-carbon and climate-resilient development, at the request of developing countries





106 countries served
through their NDEs
650 technology providers

Flagship initiatives – Innovation

YOUTH CLIMATE INNOVATIONS LAB DEMO DAY

Meet the most promising startups creating technology solutions for enhanced climate action across Africa and Asia-Pacific.

Date: **22 APRIL, 2021**
Time: **11:30AM CET**



Two 3-day online events bringing youth innovators together with local SMEs and innovation experts to utilize innovative design thinking tools and create solutions for enhanced climate action.

11 startups were selected to participate in the *Youth Innovation Academy* to incubate their solutions in 2021.

Climate Innovation Accelerator

ADAPTATION FUND

SMALL GRANTS. BIG IMPACT.

Scale up innovative adaptation practices, products and technologies.

Almost 200 requests for support received from 63 countries (49% from LDCs) – capacity to respond to 25 requests.



Leveraging funding through the Financial Mechanism to foster RD&D and Innovation

Increase the resilience of three medium-sized cities through improved capital expenditure planning and innovative private financing mechanisms.

OPPORTUNITY ...

Adaptation Fund Climate Innovation Accelerator

AFCIA




Adaptation Fund Climate Innovation Accelerator (AFCIA)

A 5 year, USD 10 Million Adaptation Fund pilot grant innovation programme co-managed by UNEP CTCN and UNDP (+ USD 10 Mill-EU; 1 Mill-CTCN) to support innovation for effective, long-term adaptation in developing countries.

UNEP-CTCN AFCIA programme at a glance

- **Objective:** Support for developing countries to **test, evaluate, roll out** and **scale up innovative adaptation practices, products** and **technologies**
- **Budget:** USD 5 million (AF) + USD 1 million (CTCN co-funding)
- **Implementation:** **25 TA projects** (*up to USD 250,000 each*)
- **Knowledge sharing / learning**

Adaptation Fund Climate Innovation Accelerator (AFCIA)



ADAPTATION FUND CLIMATE INNOVATION ACCELERATOR

The Adaptation Fund has launched a new programme which will foster innovation of adaptation practices in vulnerable countries. UNEP-CTCN and UNDP are administering the grants.

Launched: Nov 2020

...

Apply via UNEP-CTCN
(Technical Assistance)

Apply via UNDP
(Grant Funding)

Access directly AFCIA via the link:
<https://www.ctc-n.org/afcia>

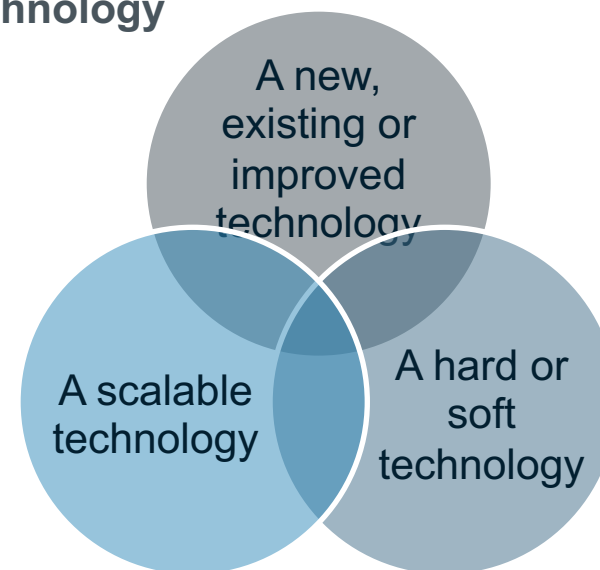
Who can apply?

- **Eligible countries** are **developing countries** in Asia-Pacific, Latin America and Caribbean (LAC) and Africa **without direct access to the AF funds** (i.e. without National Implementing Entities (NIEs) accredited with the AF)
 - **Applicants** can be Governments, non-governmental organisations, community groups, private sector, young innovators and other groups
 - Applications (technology concepts) **need to be endorsed by the national focal points** to the AF (Designated Authority) and the CTCN (National Designated Entity, NDE), ensuring alignment with national climate adaptation priorities
- * A project proponent cannot be the implementer of the project*

What is UNEP-CTCN AFCIA looking for in applications?

- Propose to test or scale up innovative climate technologies in their specific contexts
- Contribute to national adaptation priorities (NDC/NAP)
- Potential for replication / scale-up
- Well-defined problem, clearly linked to climate change
- Proposed activities are aligned with the CTCN's mandate
- **Priority given to LDCs/SIDS**

3 elements considered to identify and assess innovation in adaptation technology



CTCN - Process of the technical assistance



Interested parties in developing countries contact their national focal points - National Designated Entity (NDE) and in AFCIA the AF DA to request endorsement

The NDE and DA confirm the alignment of the request with its national climate priorities.

The CTCN collaborates with the NDE, DA and applicants to develop a tailored technology transfer plan.

The Climate Technology Centre selects a Network member to implement the technology solution.

Submission of
Technology
concept



Selection of
Technology
concept



Development Project
Concept Note
(TA response plan)



Implementation of
AFCIA TA

Overview of 1st and 2nd round of AFCIA calls

Type of the technical assistance services (as an example)

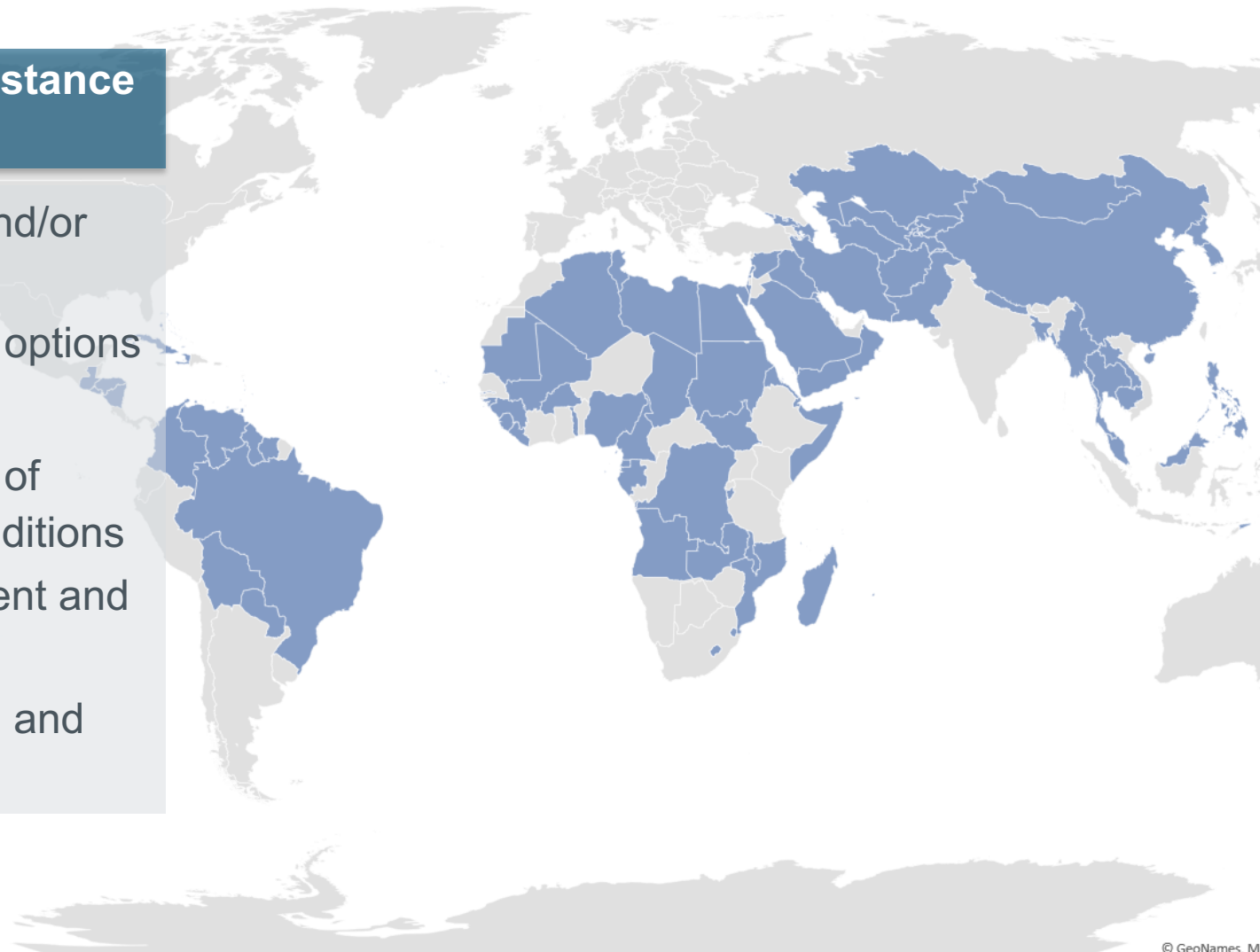
- Decision-making tools and/or information provision
- Feasibility of technology options
- Financing facilitation
- Piloting and deployment of technologies in local conditions
- Private sector engagement and market creation
- Technology identification and prioritization

Number of Submissions

1st call: 71
2nd call: 118

T= 189

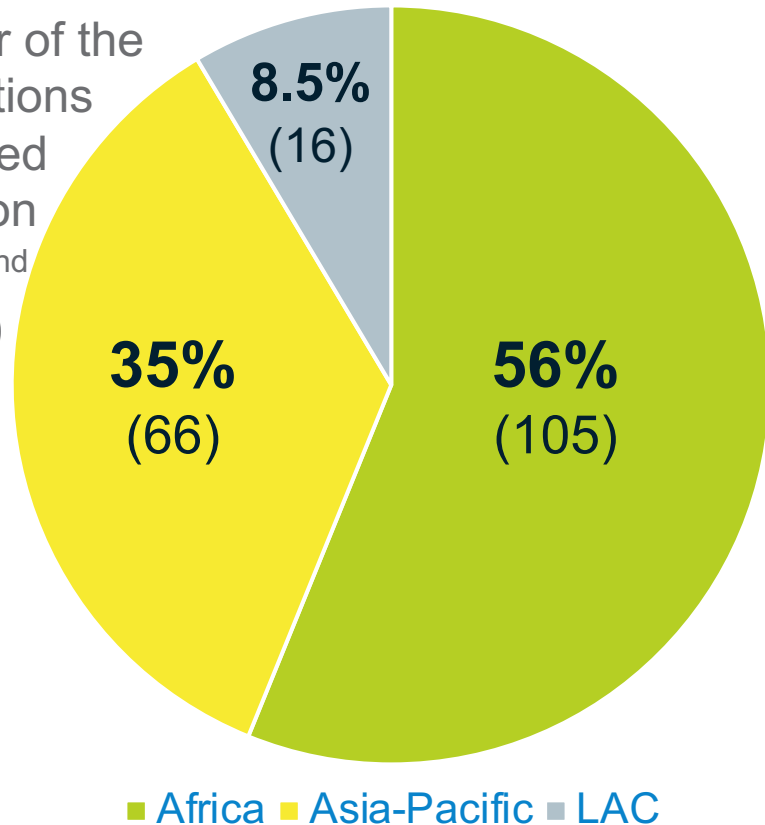
52%
LDC/SIDS



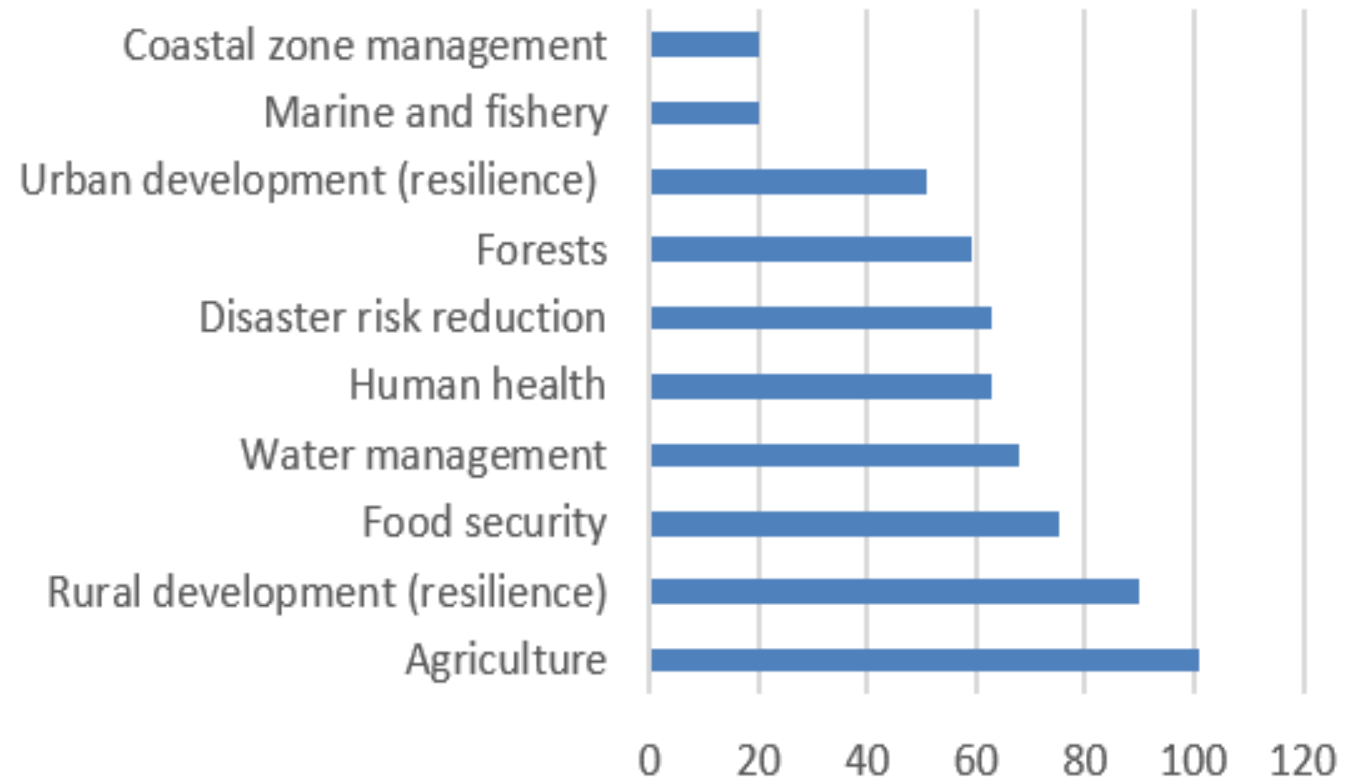
Overview of 1st and 2nd round of AFCIA calls

REGIONAL DISTRIBUTION

Number of the applications submitted by region (1st & 2nd rounds)



SECTORAL FOCUS



What are we learning with AFCIA ?..

- There is a **large appetite and need for adaptation-related technical assistance** in developing countries.
- Developing countries continue to **need support to articulate their adaptation technology demands**, in particular **LDCs** and **SIDS**.
- **Initiatives to improve capacity to identify and assess innovative adaptation practices, products and technologies, targeting LDCs and SIDs, need to be rolled out.**
- **Guidance on the application submission process needs to continue to be provided** to the NDEs and the Designated Authorities, as well as potential applicants in developing countries.
- Where applications are cross sectoral in nature, **a combination of adaptation and mitigation technologies should be considered/encouraged** to generate transformative impact.

Explore opportunities..
Contact us..

3rd AFCIA Call is coming up in early 2022..

Access directly AFCIA via the link: <https://www.ctc-n.org/afcia>

CTCN website (www.ctc-n.org)

The website hosts nearly 17,000 publications, case studies, tools and webinars on climate change adaptation and mitigation, women and gender, etc.

Technology Sectors

Sectors

Adaptation



Agriculture and forestry



Coastal zones



Early warning and Environmental assessment



Water

Recorded webinars



CTCN Virtual Regional Meetings: Forum for Annex I NDEs (video)



Highlights from the UNFCCC Technology Mechanism event: Together we can recover better



CTCN Virtual Regional Meetings: Forum for the NDEs in Pacific (video)

Thank you

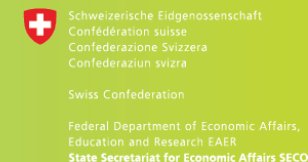
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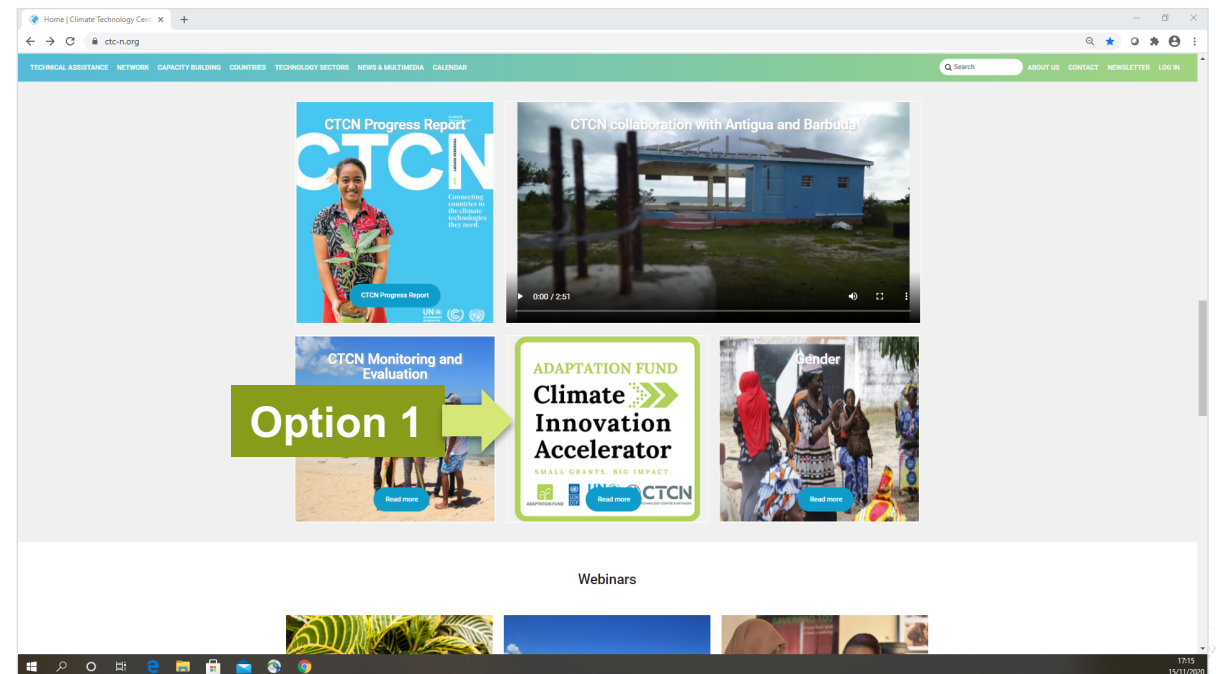
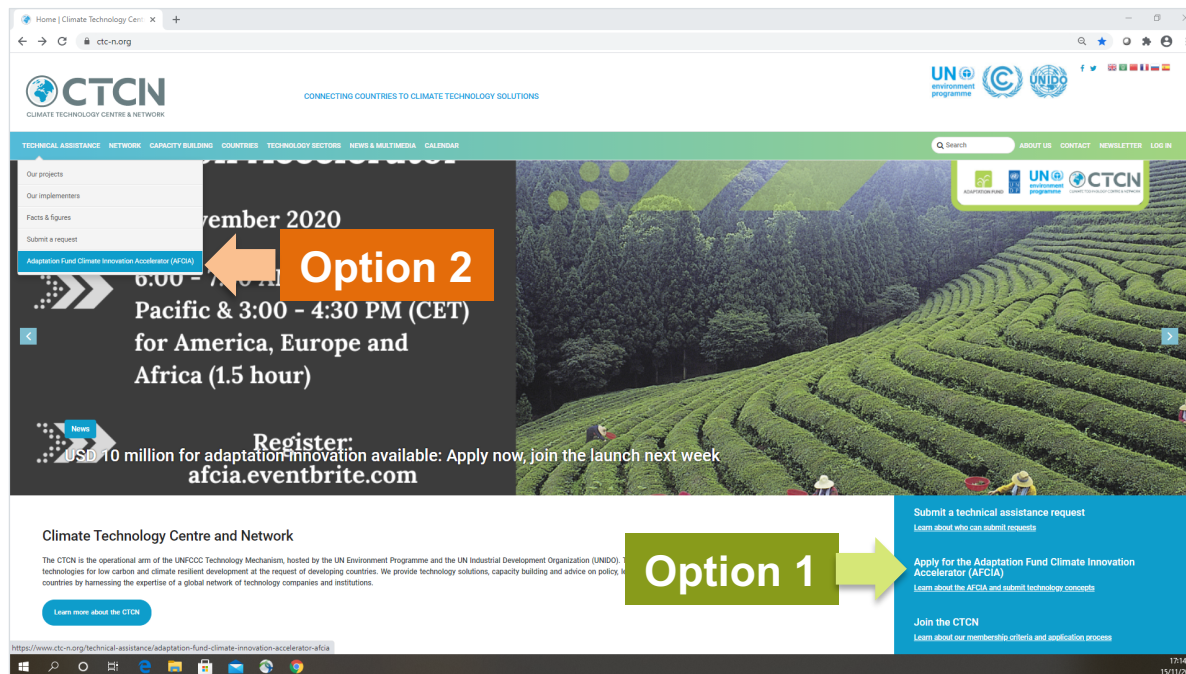
Supported by



How to apply

▪ Access to the programme webpage

- Direct access via a link: <https://www.ctc-n.org/afcia>
- Access via the CTCN website: <https://www.ctc-n.org>
 - (Option 1) Direct links to the programme webpage
 - (Option 2) Tool bar ‘Technical Assistance’ - ‘AFCIA’



Where to apply (cont.)

- Submission of the application via the programme webpage
 - (Step 1) Clicking on **'Apply via UNEP-CTCN'**
 - (Step 2) Clicking on **'Submit your application (technology concept)'**

Home > Technical Assistance > Adaptation Fund Climate Innovation Accelerator (AFCIA)

Our projects
Our implementers
Facts & figures
Submit a request
Adaptation Fund Climate Innovation Accelerator (AFCIA)

Adaptation Fund Climate Innovation Accelerator (AFCIA)



ADAPTATION FUND CLIMATE INNOVATION ACCELERATOR


The Adaptation Fund has launched a new programme which will foster innovation of adaptation practices in vulnerable countries. UNEP-CTCN and UNDP are administering the grants.

Step 1

[Apply via UNEP-CTCN](#) [Apply via UNDP](#)

- (Beginning period) Detailed work plan, M&E plan and impact statement, and minute of inception meeting
- (Implementation period) Deliverables (e.g. report, dataset, etc.) of each activity
- (End period) Project closure report

6. Timeline of the innovation micro-grants mechanism



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graph LR; A[Submission of technology concepts] --> B[Selection of technology concepts]; B --> C[Development of project concept notes]; C --> D[Selection of project concept notes]; D --> E[Implementation of micro-grants projects];
```

	- Expected submission	- Expected delivery date	- Expected delivery date	- Expected delivery date	- Expected end date of the implementation
					• (1 st round) April 2023
					• (2 nd round) April 2024
					• (3 rd round) April 2025

Download of the application template

Timeline of the innovation micro-grants mechanism

[Download template for the technology concept \(application\) English version](#) [DOCX](#)

[Download template for the technology concept \(application\) Spanish version](#) [DOCX](#)

[Download template for the technology concept \(application\) French version](#) [DOCX](#)

[Submit your application \(technology concept\)](#)

Programme FAQ

- 1. Evaluation
- 2. Linkage with the Adaptation Fund Medium-Term Strategy
- 3. Contact

Step 2

How to apply

■ Development of the application

- Download of the application template via the programme webpage
- Need to be developed by an applicant
- **Consultation with the national focal points** to the Adaptation Fund and the CTCN
- Acceptable to develop **an application in which multiple countries engage**



ADAPTATION FUND



UN environment programme



CLIMATE TECHNOLOGY CENTRE & NETWORK

Adaptation Fund Climate Innovation Accelerator

Technology concept submission form

Guidelines:

- Technology concept submission form should be completed by an applicant organisation in collaboration with the national focal points to the CTCN (National Designated Entity, NDE) and the Adaptation Fund (Designated Authority) of the country. Please see updated contact list of the NDEs and the Designated Authorities through web-links as below:
 - NDE: <http://unfccc.int/ttclear/support/national-designated-entity.html>
 - Designated Authority: <https://www.adaptation-fund.org/apply-funding/designated-authorities/>
- The form must be signed by the NDE before official submission to UNEP-CTCN.
- The form can be submitted as a Word file containing a digital signature or as a signed and scanned PDF file in combination with an un-signed Word file.
- For the technology concept submitted by multiple countries, all the NDEs of the respective countries shall sign identical forms before official submission to UNEP-CTCN.

Country or countries:	
Title of the technology concept:	Please reflect the objective of the technology concept in the title (maximum 200 characters).

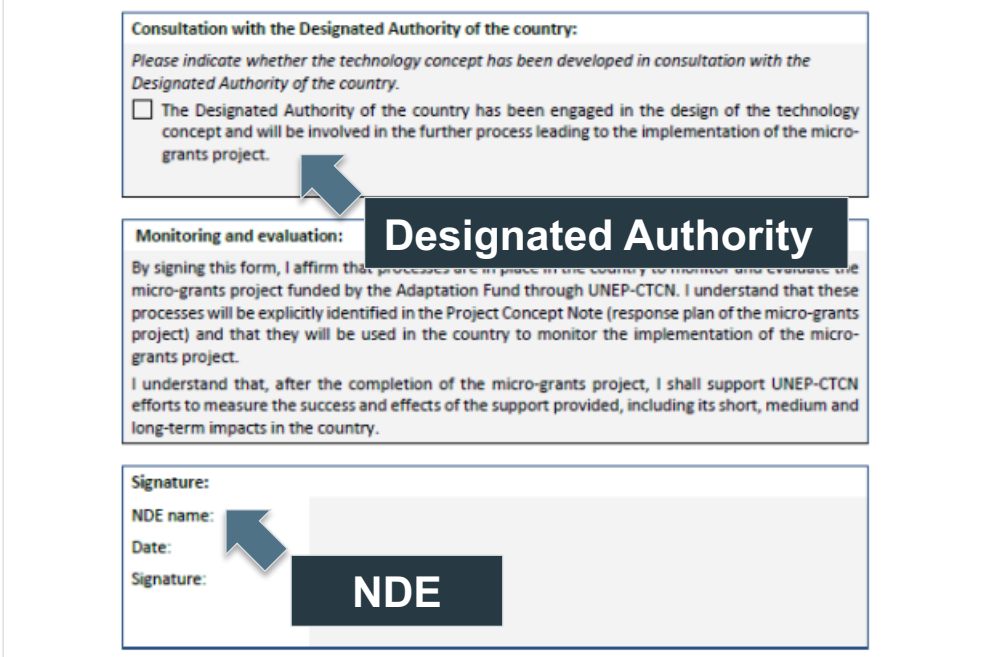
Development of the application
(technology concept)

Endorsement from the national
focal points

Submission of the application
(online)

How to apply (cont.)

- Endorsement from the national focal points
 - National focal point to the Adaptation Fund
 - The statement in the template needs to be confirmed by **the Designated Authority** of the country
 - National focal point to the CTCN
 - The application needs to be signed by **the National Designated Entity (NDE)** of the country



The form template is divided into three main sections. The top section, titled 'Consultation with the Designated Authority of the country:', contains a checkbox and text asking if the technology concept was developed in consultation with the Designated Authority. The middle section, titled 'Monitoring and evaluation:', contains a paragraph of text affirming the use of the project for monitoring and evaluation. The bottom section, titled 'Signature:', contains fields for 'NDE name:', 'Date:', and 'Signature:'. A large black box labeled 'Designated Authority' is positioned over the top two sections, and a large black box labeled 'NDE' is positioned over the signature section. Arrows point from these boxes to the respective sections of the form.

Consultation with the Designated Authority of the country:
Please indicate whether the technology concept has been developed in consultation with the Designated Authority of the country.
☐ The Designated Authority of the country has been engaged in the design of the technology concept and will be involved in the further process leading to the implementation of the micro-grants project.

Monitoring and evaluation:
By signing this form, I affirm that processes are in place in the country to monitor and evaluate the micro-grants project funded by the Adaptation Fund through UNEP-CTCN. I understand that these processes will be explicitly identified in the Project Concept Note (response plan of the micro-grants project) and that they will be used in the country to monitor the implementation of the micro-grants project.
I understand that, after the completion of the micro-grants project, I shall support UNEP-CTCN efforts to measure the success and effects of the support provided, including its short, medium and long-term impacts in the country.

Signature:
NDE name: _____
Date: _____
Signature: _____



How to apply (cont.)

■ Submission of the application

Download template for the technology concept (application) English version [DOCX](#)
Download template for the technology concept (application) Spanish version [DOCX](#)
Download template for the technology concept (application) French version [DOCX](#)

Submit your application (technology concept)

Programme FAQ

- 1. Evaluation
- 2. Linkage with the Adaptation Fund Medium-Term Strategy
- 3. Contact

- Provision of information including title of the application, adaptation sectors and contact details
- Upload of the application and clicking on **'Submit'**

Submit Application (Technology Concept)

Field marked with (*) are mandatory

Title of the technology concept *

Sectors *

COUNTRY DETAILS *

Country *

Name of the National Designated Entity (NDE) *

Remove

Upload the technology concept

Add a new file *

No file chosen

Unlimited number of files can be uploaded to this field.
50 MB limit.
Allowed types: docx pdf.

Development of the application
(technology concept)



Endorsement from the national
focal points



Submission of the application
(online)

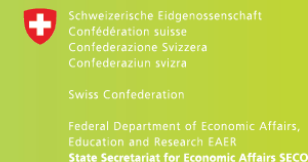
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www.ctc-n.org
ctcn@un.org



Thank you

Email: ho-sik.chon@un.org

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Example.. selection of Burundi

Title	Easily deployable water-filled flood barrier that can be used to prevent damage from flooding and to store water vapor-tight to ensure water availability in times of drought
Situation / Barriers	<ul style="list-style-type: none"> • Severe droughts and floods resulting in crop failure and livestock mortality • Related loss of 5-17% GDP per event • Lack of knowledge and funding for climate adaptation measures and lack of appropriate data
Objective	Facilitate the implementation of a mobile flood barrier at the Rubira hill in Musenyi area of Mpanda commune in Bubaza province to prevent damage from floods and improve water availability in times of drought by storing water vapor-tight
Activities	<ul style="list-style-type: none"> • Flood risk assessment and flood risk strategy • Equipment requirements study • Development of early warning forecast process • Real-life technology demonstration • Capacity building • Development of scale-up plan • Development of MRV framework
Reasons for selection	<ul style="list-style-type: none"> • Combination of innovative technology application, technology piloting, scaling and institutional framework development • Strong measureable impact on local communities