

# CTCN Programmes – AFCIA and EC

1 September 2025  
Asia NDE Forum  
*CTCN Secretariat*



# Technical Assistance Programmes and Initiatives

- **Adaptation Fund Climate Innovation Accelerator (AFCIA)**
  - AFCIA I will close in 2025
  - AFCIA II approved in 2024 and is a 10 million USD fund to finance 60 TAs up to May 2030
  - Coordination services of 3 million USD approved
- European Commission "**Climate Change and Security**" Programme
  - Launched in January 2023 for 3 million USD and 36 months
  - 10 country projects are currently under implementation globally
- European Commission "**Innovative Climate Solutions**" Programme
  - Launched in January 2024 for 2 million USD and 36 months to support 8 TAs
  - 5 country projects are currently under implementation globally
- **Pro-bono**: Two new TAs were identified for pro-bono support from the Republic of Korea (1) and from the Government of Japan (1)
- **Collaborative RD&D programme** with support from the Korean Ministry of Science and ICT (MSIT) to facilitate technical assistance projects (2 TAs under implementation), knowledge sharing events, twinning arrangements, and learning visits

# Flagship Programmes



## Adaptation Fund Climate Innovation Accelerator (AFCIA)

The Adaptation Fund has launched a new USD 10 million pilot small grants programme (Adaptation Fund Climate Innovation Accelerator, AFCIA) to foster innovation in adaptation in developing countries at the United Nations Climate Change Conference (COP25).



**AFCIA Phase I**  
6 projects completed in 2024



## Adaptation Fund Climate Innovation Accelerator (AFCIA), second edition : AFCIA II

AFCIA II programme builds on AFCIA I by identifying, demonstrating, and scaling up innovative adaptation technologies. AFCIA II will implement more projects, increasing by 60 the number of Technical Assistance that will be funded, with a focus on NSI.



**AFCIA Phase II**  
Requests open for 2025



## Climate Change and Security: Innovative Community-based Climate Technology for Communities at Risks of Conflicts Due to Climate Impact

The European Union has committed EUR 3 million over 3 years to support ten requests from countries at risks of conflicts due to climate impact in providing conflict-sensitive, field-focused, reliable, cost-effective climate technologies solutions.



**EC-funded Climate Change and Security**  
10 TAs launched in 2024



## Innovative Climate Solutions - ICS Programme

The European Commission has committed EUR 2 million over 2 years to support seven requests from developing countries to support innovative climate technology solutions.



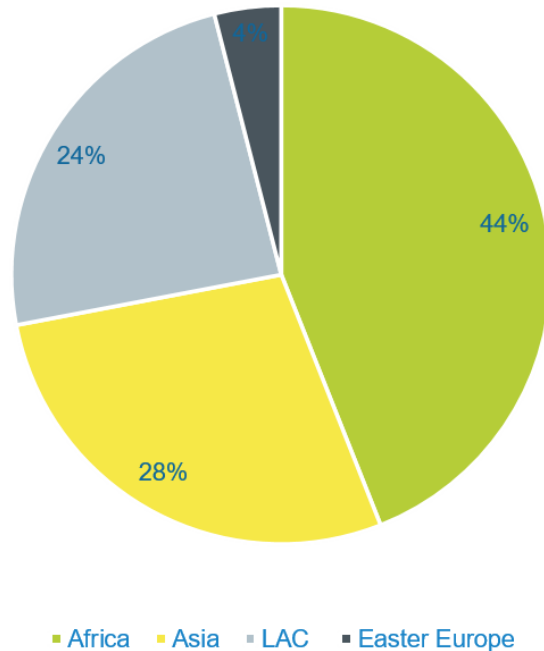
**EC-funded Innovative Climate Solutions**  
1 TAs initiated in 2024

More information available at:  
<https://www.ctc-n.org/technical-assistance>

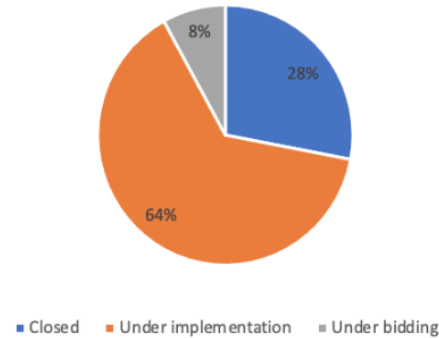
[Learn more](#)

# Flagship Programmes: AFCIA I 2020-2025

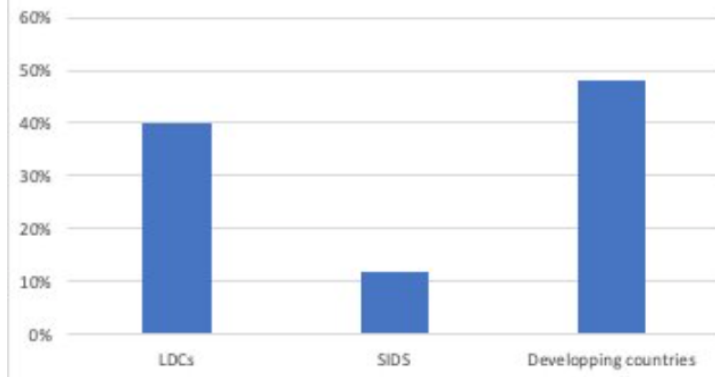
## AFCIA I Geographical balance



## Status of the implementation in September 2024



## AFCIA - 52% in LDC and SIDS



## 25 AFCIA projects

- 11 in Africa
- 7 in Asia
- 6 in LAC
- 1 in Eastern Europe
- 10 in LDC, 3 in SIDS, 12 in developing countries

## The countries are:

- **Africa:** Burundi, Zambia, Nigeria, Malawi, Mozambique (x2), Sudan (x2), Liberia, Ghana, Mali .
- **Eastern Europe:** Georgia
- **LAC:** Bahamas, Ecuador, Surinam, Guatemala, Saint Kitts and Nevis, Honduras
- **Asia:** Malasia, Vietnam, Maldives, Nepal, Thailand, Pakistan, Mongolia

## Key technologies successfully tested :

- Water management – SLAMDAM (flood mitigation barrier) in Burundi
- Agriculture : Solar Photovoltaic Irrigation Systems
- Early Warning Systems (EWS) – Agri-meteorology systems – multi hazard platforms.

## The programme generated credible technology ideas and so far 4 technical assistances (out of 7 projects completed) have already managed to scale up funding for technology acceleration:

- **Burundi:** USD 5 million concept note approved by the AF in April 2024.
- **Mongolia:** USD 7.5 million leveraged from the government of Canada
- **Saint Kitts and Nevis:** USD 100,000 leveraged from the Caribbean Public Health Agency (CARPHA)
- **Maldives :** USD 5 million concept note under formulation.

**The programme is entering its second phase by the Adaptation Fund through AFCIA II.**

**Primary objective** is to support countries to test, scale up and leverage innovative, transformative, and locally led climate adaptation technologies across the technology cycle and anchor these into National Systems of Innovation.

## **Sub-objectives of AFCIA II are as follows:**

- Encourage, test, and demonstrate climate adaptation technology innovation across technology development stages and sectors.
- Scale up high-impact adaptation technology innovation for accelerated impact.
- Create favourable enabling environments for continuous innovation capacities.
- Share knowledge and build capacity on adaptation technologies, including promoting digital public goods through CTCN's platform.

- **60** Technical Assistances will be funded
- Out of these, **40** will be on piloting/testing Climate Adaptation Technologies.
- **10** technologies will be scaled up
- **10** TAs will be on strengthening National Systems of Innovation
- **3** Concept Notes will be formulated and submitted to the AF for a max value of USD 5 million each.

**Title: Innovative Climate Solutions (ICS)**

**Objective: Support of CTCN 3rd PoW**

**Duration and amount:**

- EUR 3 million, 2023-2025
- EUR 2 million, 2024-2026



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