

Status update on technical assistance portfolio and its implementation

28th CTCN Advisory Board Meeting
CTCN Secretariat
Agenda Item 19.1



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Value of CTCN Assistance

Budget of TAs under Implementation/Completed

Region	Countries	No. of Countries	No. of TAs	Value (USD)
Africa	Algeria, Botswana, Burundi(2), Comoros, Cote 'd Ivoire(2), DRC, Ethiopia, Gambia, Guinea, Liberia(2), Mali, Mozambique(2), Senegal(3), Sierra Leone, Tanzania, Togo, [Togo, Guinea, Senegal, DRC], Tunisia, Zimbabwe(2).	18	26	4,568,579.36
Asia-Pacific	Bangladesh, Cambodia (3), Fiji, Kyrgyzstan, Maldives, Mongolia, Nepal, PNG, Tajikistan, Uzbekistan, Vietnam	11	13	2,669,048.00
Eastern Europe	North Macedonia	1	1	238,830.00
Latin America & Caribbean	Bolivia, Chile, Colombia, Cuba, Ecuador (2), El Salvador, Peru, St. Kitts & Nevis, Suriname, Uruguay (2)	10	12	2,165,825.00
TOTAL		40	52	9,642,282.36

1) 52 projects under implementation/bidding during the reporting period.

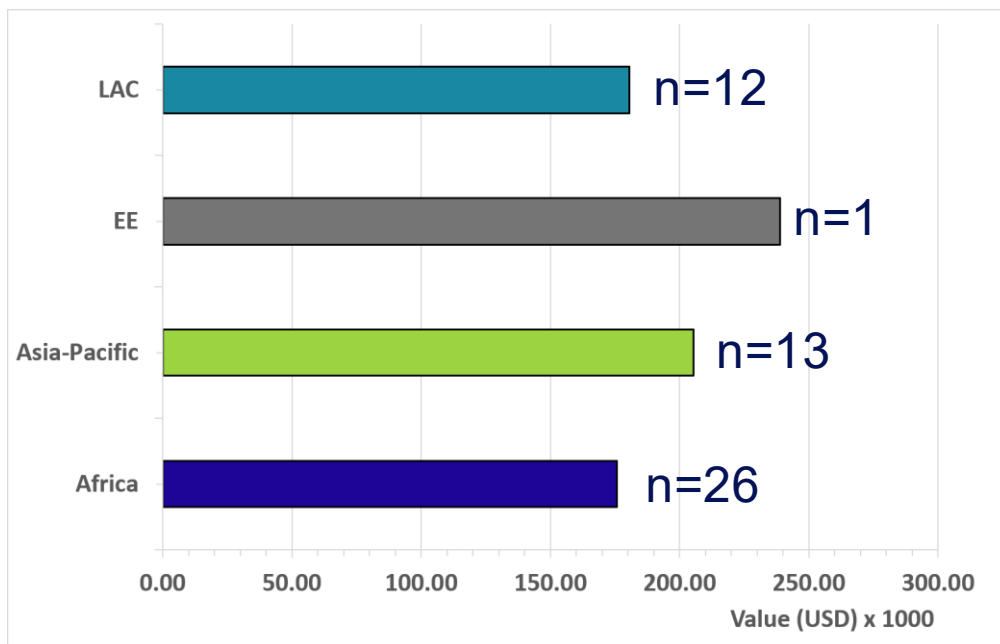
2) Valued at USD 9.6 M.

3) Average per TA: \$185,428.51 USD

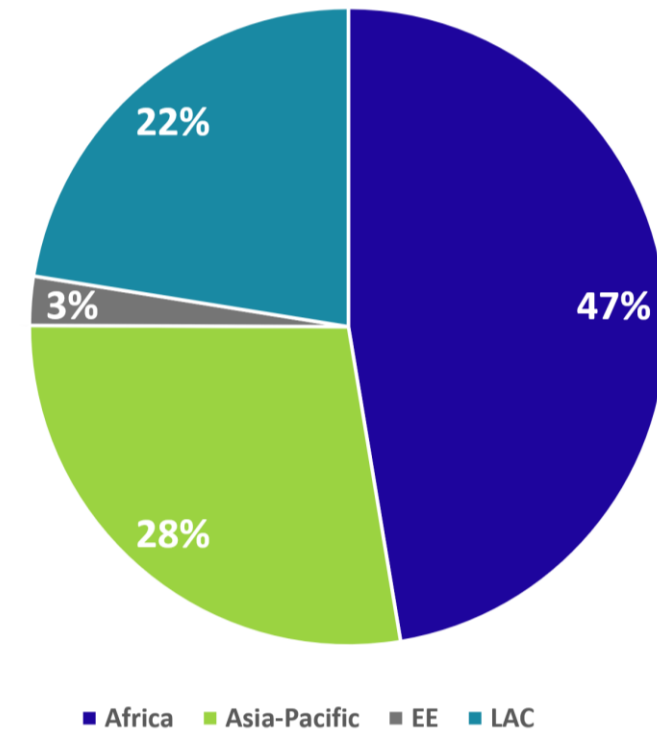
* *Multi-country TAs are considered as 1 TA.*

Regional Distribution of Budget by TAs and by Region

Average Budget of TA by Region



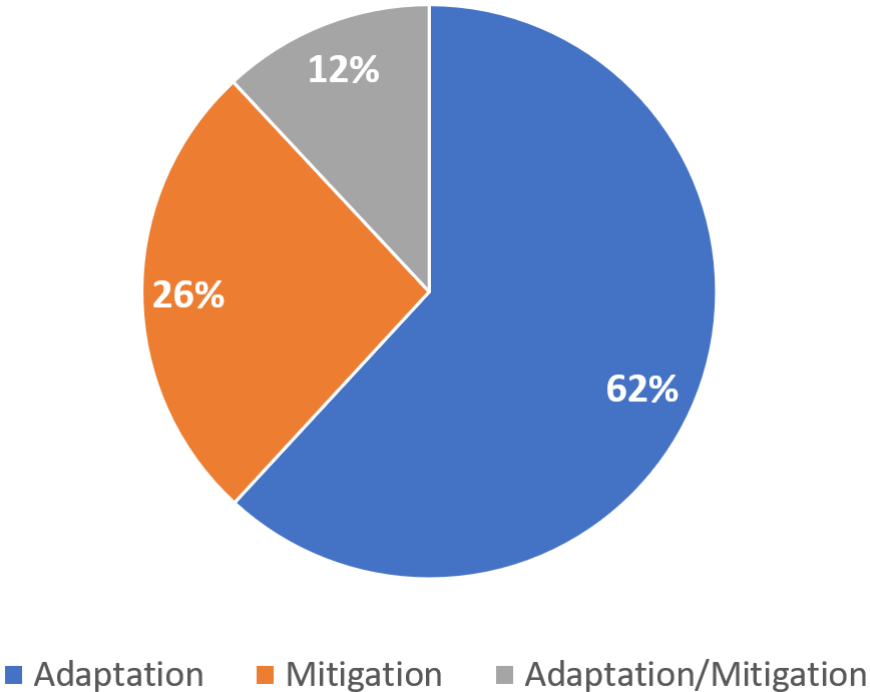
% Budget Absorption by Region



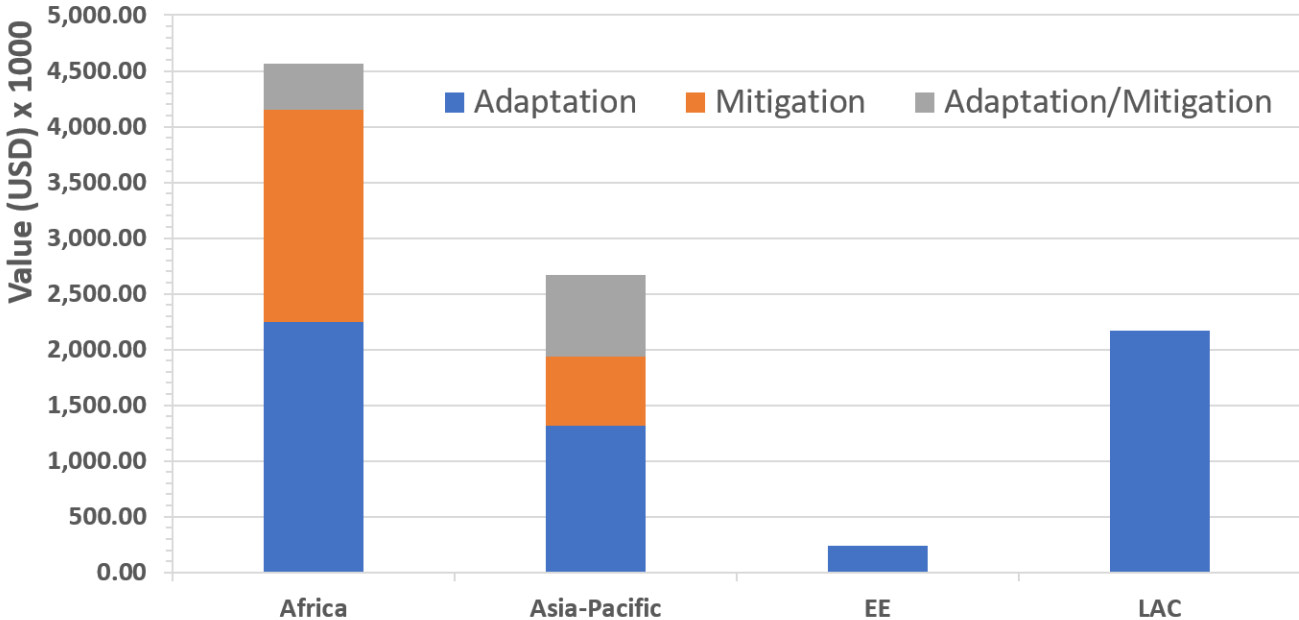
* Multi-country TAs are considered as one TA

Distribution of the Budget by Mitigation and Adaptation

% Budget Absorption by Sector



TA Value by Sector and Region



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Regional Summaries

Africa: TAs Under Implementation/Bidding

Country	Title	System Transformation Area	Category
Algeria	Feasibility study and technical support for a waste-to-energy pilot project at a cement plant owned by Groupe Industriel des Ciments d'Algérie	ES	Mitigation
Botswana	Development of an Energy Saving Performance Contracting (ESPC) Model for Energy Efficiency in Government Buildings for Botswana	ES	Mitigation
Burundi	Smart Irrigation & Rainwater Harvesting in Burundi	WEF	Adaptation
Burundi	An Integrated Parametric Agricultural Insurance and Credit Guarantee Scheme (CGS) to Enhance Climate Resilience for Smallholder Farmers in Burundi	BI	Adaptation
Comoros	Pre-feasibility Study for the Use of Photovoltaic Systems on the Roofs of Public Buildings in the Comoros, with a Connection to the Grid, and the Definition of a Net Metering Policy	ES	Mitigation
Cote d'Ivoire	Development of Sustainable Biochar Production and Application for Climate Mitigation and Adaptation in Côte d'Ivoire	WEF	Adaptation
Cote d'Ivoire	Smarter Farming: AI's Role in Ivorian Agriculture	WEF	Adaptation
DRC	Incubation Program to develop and scale-up conservation agriculture and sustainable agro-forestry practices and technologies in the Democratic Republic of Congo	WEF	Adaptation
Ethiopia	Development of a Deep Decarbonization Roadmap in the Cement Sector through Advanced Technology Upgradation and Enhanced Standards	WEF	Adaptation
Gambia	Introducing Phase Change Materials (PCM) into the Gambia's cold chain to address post-harvest loss and other waste across the primary sector	WEF	Adaptation/Mitigation
Guinea	Assessment of Green Hydrogen Potential and Development of a National Strategy in Guinea	ES	Mitigation

WEF = 11; Business & Industry = 3; Energy Systems = 9; Buildings & Infrastructure = 2

25

Somalia first time request

Africa: Closed & New TA Requests

- 6 TAs closed during the reporting.
- 3 TAs under bidding process.
- 2 TAs contracted in the last 6 months.
- Trends in TAs under bidding:
 - Botswana (ESCOs)
 - Burundi (agricultural insurance).
 - Ethiopia – cement decarbonization.



Asia-Pacific: TAs Under Implementation

Country	Title	Status	System Transformation Area	Category
Bangladesh	Feasibility research of Solar Electric-Based Cold Warehouse equipped with Low-temperature Latent Heat Material for Fruit Storage in Bangladesh Climate Conditions		ES	Mitigation
Cambodia	Development of national Green Hydrogen roadmap for accelerating carbon neutrality		ES	Mitigation
Cambodia	Strengthening Climate-Resilient Water Storage Systems for Agriculture in Cambodia through Feasibility Assessment and Investment Readiness of Improved Rainwater Harvesting Solutions		WEF	Adaptation
Cambodia	Strengthening Climate-Resilient Water–Energy–Food Nexus Decision-Making in Cambodia through an Integrated Decision Support System, starting with the transboundary Se San River Basin		WEF	Adaptation
Kyrgyzstan	Development of an Integrated Waste Management and Circular Economy Roadmap for the Kyrgyz Republic (2025–2030), including the Conceptual Design of a Pilot Deposit-Return System		BI	Adaptation
Maldives	Feasibility study on green hydrogen potential in Maldives and development of a national roadmap for sustainable energy transition		ES	Mitigation
Mongolia	Reducing smallholder vegetable farmers' vulnerability to climate change impacts, including water scarcity in Mongolia through Ecosystem-based Adaptation (EbA) and digitalized risk mitigation insurance solutions		WEF	Adaptation
Nepal	Comprehensive Feasibility Study for Nepal's Integrated Cement, Green Hydrogen, and Urea Production Plant Project		BI	Mitigation
Tajikistan	Enhancing Weather and Climate Data Management Innovation in Tajikistan through an AI- and Observation-Based High-Resolution Data Management Platform		BI	Adaptation
Uzbekistan	Pre-feasibility study for groundwater desalination and resource recovery in Uzbekistan		WEF	Adaptation
Vietnam	Strengthening salinity intrusion data sharing and forecasting for adaptation to climate change impacts in the Mekong Delta of Viet Nam		WEF	Adaptation

WEF=5;
BI=3; ES=3

Philippines –
also first time
request

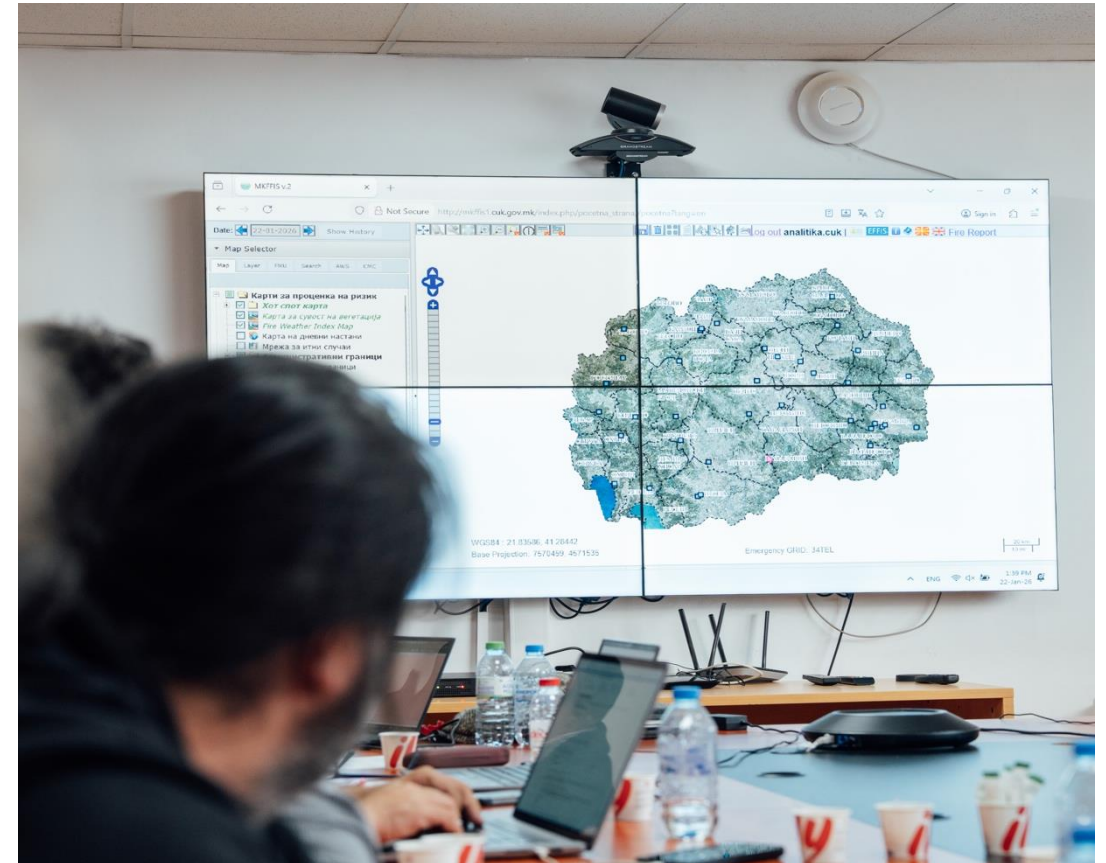
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Asia-Pacific: Closed & New TA Requests

- 1 TAs completed in the reporting period.
- Trends in TAs under bidding:
 - Nepal – green hydrogen
 - Cambodia – water resilience & storage systems
 - Kyrgyzstan – waste management & circular economy
 - Tajikistan – weather & climate data management



- 1 TA under implementation in North Macedonia
- Wildfires information system enhancement project in North Macedonia



LAC: TAs Under Implementation/Bidding

Country	Title	System Transformation Area	Category
Bolivia	Adaptation and validation of biochar technologies to improve the resilience of soils and cocoa-based livelihoods in the Bolivian Amazon	WEF	Adaptation
Chile	Artificial Intelligence Pilot for Non-Revenue Water Reduction in Tocopilla, Chile	WEF	Adaptation
Colombia	Development of a National Plan for Integrated Fire Management in Colombia	BI	Adaptation
Cuba	Agro-environmental Observatory for Climate Adaptation in Cuba: Integrating Innovative Technologies into Ecosystem Monitoring and Management	WEF	Adaptation
Ecuador	Adoption of climate technologies applicable to Micro, Small and Medium Enterprises (MSMEs) in the floriculture sector in Ecuador.	BI	Adaptation
Ecuador	Implementation of improvements to the National Drought Monitor of Ecuador (MONSE) for the integration of a drought risk scenario module	WEF	Adaptation
El Salvador	Design of an Integrated Platform for Tropical Monitoring and Forecasting to support technology deployment in El Salvador	BI	Adaptation
Peru	Feasibility assessment to develop an aquaponics facility based in a semi-enclosed/protected environment as a climate change adaptation measure to be replicated in Peru	WEF	Adaptation
Saint Kitts and Nevis	Improvement of water supply management through a GIS-based monitoring and control system for water loss reduction in Saint Kitts and Nevis	WEF	Adaptation
Suriname	Advancing Climate Innovation and Resilience in Suriname	BI	
Uruguay	Scaling up low-carbon, climate-resilient businesses led by women and young people in Uruguay	BI	Adaptation
Uruguay	Assessment of innovative adaptation technologies in cities of Uruguay	BI	Adaptation

*Trinidad & Tobago—
also first time
request*

WEF=6; Business and Industries=6

- **5** TAs under bidding.
- **1** TA contracted in the last 6 months.
- Trends in Requests:
 - Adaptation and validation of biochar technologies to improve the resilience of soils and cocoa-based livelihoods in the Bolivian Amazon
 - Artificial Intelligence Pilot for Non-Revenue Water Reduction in Tocopilla, Chile
 - Development of a National Plan for Integrated Fire Management in Colombia
 - Design of an Integrated Platform for Tropical Monitoring and Forecasting to support technology deployment in El Salvador
 - Advancing Climate Innovation and Resilience in Suriname.



EXOMAD GREEN

3

Timelines of Procurement

Timeliness

Was the technical assistance delivered in a reasonable timeframe?

- Review of expected timelines as per AB decisions and UNON indications
- Quantitative analysis of current TA preparation and procurement timelines
- Analysis of reasons for variation
- Definition of improvement measures

Timeliness/Untimeliness

Is a function of different players and circumstances within the process ...

- For competitive bidding:
 - Start: all necessary documents are submitted to UNON,
 - End when a contract is awarded

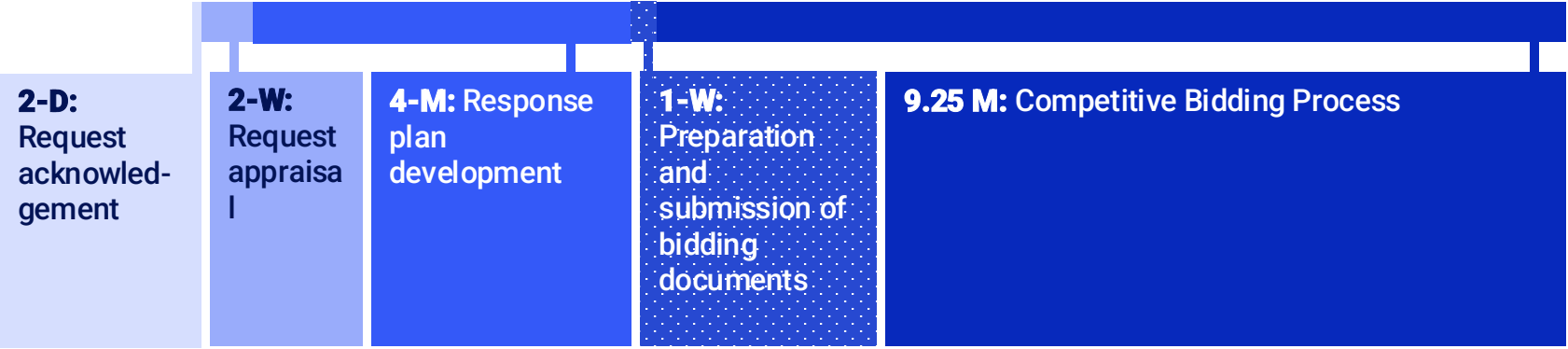
Timeliness of TA Procurement

Expected vs. Actual (2 years ago) Timeline of Preparation

Expected
timeline



Current
timeline



10 months versus 14 months, 4 months behind schedule

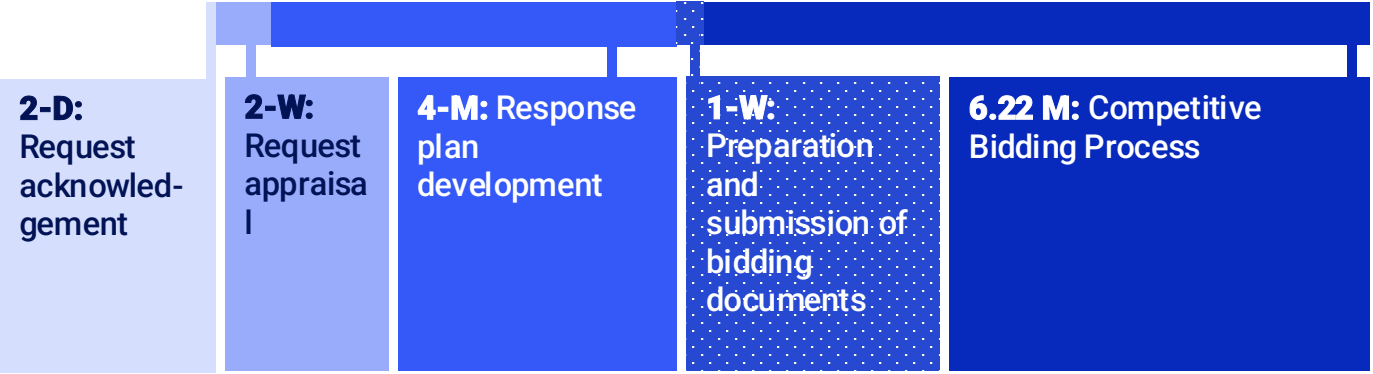
Timeliness of TA Procurement

Expected vs. Actual *(last 12 months)* Timeline of Preparation

Expected
timeline

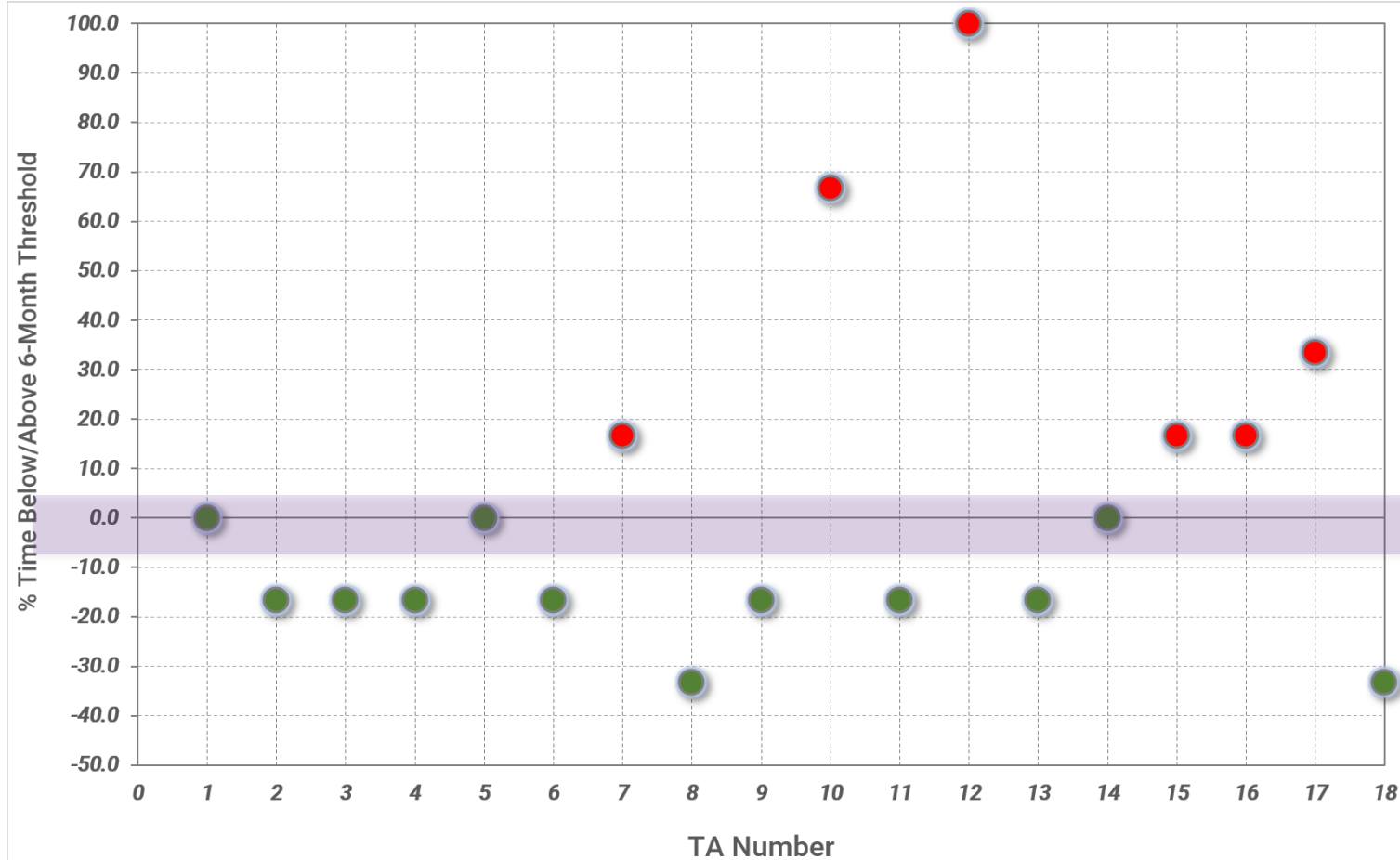


Current
timeline



10 months versus **10.22 months**, on average 1 week behind schedule

Competitive Bidding Timelines – last 12 months



Average timeline for last 12 months, for 18 TAs = 6.22 months

Beyond expected timeline



6-month limit = 0



Better

- In the last 12-months, 67% contracts were processed within/below 6-months, while 33% were done above 6 months.
- Detailed reasons abound why the 6 exceeded the time limits, on a case-by-case basis.

Timeliness of TA Bidding Preparation and Process

Expected timeline: 6 months vs. Actual timeline: 6.22+ months

Reasons for delay	Improvement measures
- Significant delays (either by NDE, beneficiary, bidder or CTCN) in responses to questions/feedback at various stages of bidding - Re-bidding required due to lack of (high-quality) bidding submissions - Requests for time extensions by bidders	- Adequate follow-up - Enhanced dissemination of REoIs through professional networks of CTCN, TA teams, NDEs and thematic partners - Identification of recurring challenges faced by bidders (e.g. budget, timeline, team requirements) - Allow when reasonable – on case-by-case basis
Lengthy technical evaluation, at times failure by bidders to submit required documents hence need for due diligence.	Development of a template to be used by bidders to simplify the evaluation, required for submission. Timely due diligence.
Contract negotiations with bidders	n/a
Volume of requests against available procurement capacity	- Close communication with UNON - Prioritization of TAs that are on a tight timeline (e.g. due to funding windows)

Innovative Climate Solutions (ICS) Programme: Bolstering Technology for Climate Action in Developing Countries

EC Funded DG CLIMA Grant to CTCN

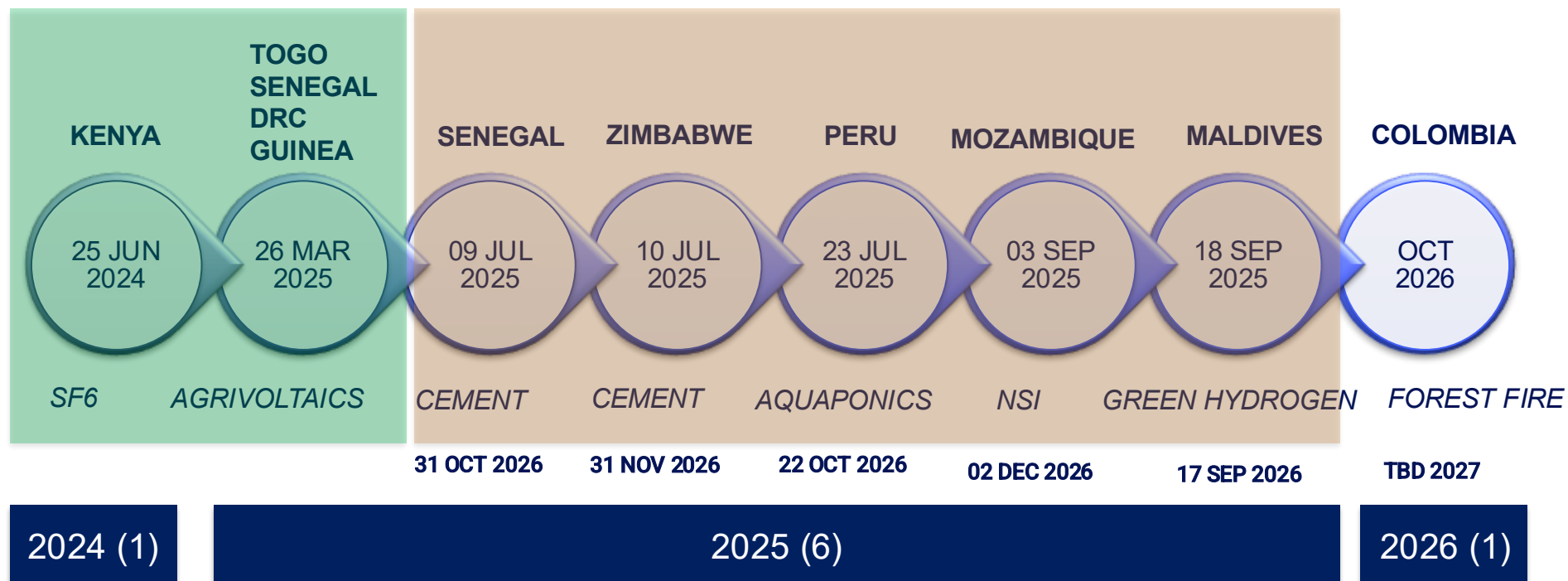


Objective: Connecting innovative climate solutions to countries' needs for transformative and inclusive climate action.



Adaptation Projects = 3; Mitigation Projects = 4; Adaptation/Mitigation = 1

Implementation Timelines



JAN, 2024

DEC, 2027

Knowledge Reports

Cement and Concrete:

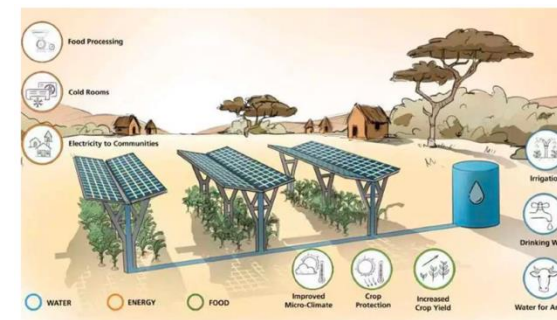
- Collaboration with Global Cement and Concrete Association (GCCA) and UNIDO on "Cement Decarbonization Roadmap Guide" to be jointly published in 2026, integrating insights from the technical assistance projects in Zimbabwe and Senegal.

SF6:

- Discussion ongoing with IEA Regulatory Energy Transition Accelerator (RETA) for joint knowledge report on "Regulatory best practices for SF6 management and phase-out in developing countries", integrating insights from the technical assistance project in Kenya.

Other assets:

- Impact Report
- Factsheets for six projects.
- Dashboard (Power BI)
- Launch of Transition Community and KH platforms.
- Explore possibility of project video



ADAPTATION FUND

Climate
Innovation
Accelerator

SMALL GRANTS. BIG IMPACT.

Adaptation Fund Climate Innovation Accelerator Phase I – officially closed

Overall Programme Performance

INNOVATE. ADAPT. SCALE. **Rating:**

28th CTCN Advisory Board Meeting
Nadege Trocellier, Global Adaptation Lead



Overall Project Performance Rating : “Satisfactory”

- Strategic Relevance: **Highly satisfactory**
- Quality of Project Design : **Satisfactory**
- Nature of the External context: **Favorable**
- Effectiveness (achievement of project outcome): **Satisfactory**
- Financial Management: **Highly satisfactory**
- Efficiency (Programme Management) : **Highly satisfactory**
- Monitoring and Reporting: **Satisfactory**
- Sustainability : **Moderately Likely**
- Factors Affecting Performance : **Highly satisfactory**

AFCIA I : Evaluation Recommendations



1. Strengthen **AFCIA's strategic positioning within the broader adaptation ecosystem** to enhance synergies, visibility, and pathways to scale.
2. Strengthen national capacities to both develop high-quality adaptation **innovation proposals** and **sustain initiatives** beyond the technical assistance phase.
3. Strengthen sustainability, scaling pathways and long-term impact by systematically **linking adaptation innovations to financing mechanisms**, innovation ecosystems and post-project support.
4. Strengthen **programme monitoring, evaluation and knowledge management** systems to better demonstrate, learn from and scale adaptation innovation.

AFCIA Phase II – sourcing stage



US\$10 million to provide **60 technical assistance** packages through **3 components**:



Scale up the 10 most successful technologies from component 1

Anchor 10 technologies in National Systems of Innovation

AFCIA Phase II



Calls for Proposal 2026



1. Latin America and the Caribbean

 18 May – 18 August



2. Asia and the Pacific

 Mid-July – mid-October

Over 1,300 event registrations



3 months

Application Window



10

Number of Technical Assistance available for each call



USD 150,000

Technical Assistance budget (max)



Piloting

Project type

**\$5 million investment across 25 adaptation innovations
has now attracted an additional \$17 million**

Examples:

Burundi x3

- Irrigation project - **\$630k** from African Development Bank Group
- Parametric Insurance project - **\$750k** from African Development Bank Group
- Portable dam project - **\$5m** from the Adaptation Fund

Costa Rica

- Mangroves restoration business model for women
- **\$200k** from NDC Invest to create a viable, bankable investment opportunity

\$2.8 million for...

1. Developing a Community of Innovation

- Helping all AFCIA grantees to collaborate, networks, and solve common challenges

2. Communication & KM Services

- Building a new **AFCIA website** to promote the collective impact and achievements of AFCIA across all subprogrammes.
- Developing **communication products**, such as success stories, project factsheets, knowledge products, publications, webinars, etc...

3. Regional Innovation Hubs x2

- To **strengthen the profile of AFCIA** among potential investors.
- First Hub to be held in Asia Pacific in **March 2027**.

4. Monitoring & Evaluation

- New **joint framework** to support standardized reporting of impacts.

THANK YOU



UNFCCC_CTCN



UNFCCC.CTCN



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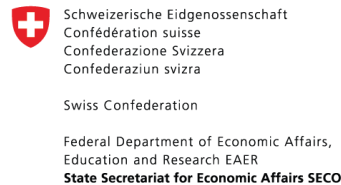
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Environment, Community and Local Government