

Status update on technical assistance portfolio and its implementation

27th CTCN Advisory Board Meeting
CTCN Secretariat
Agenda Item 19.1
21 April 2026



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Value of CTCN Assistance

Average Budget of TAs under Implementation

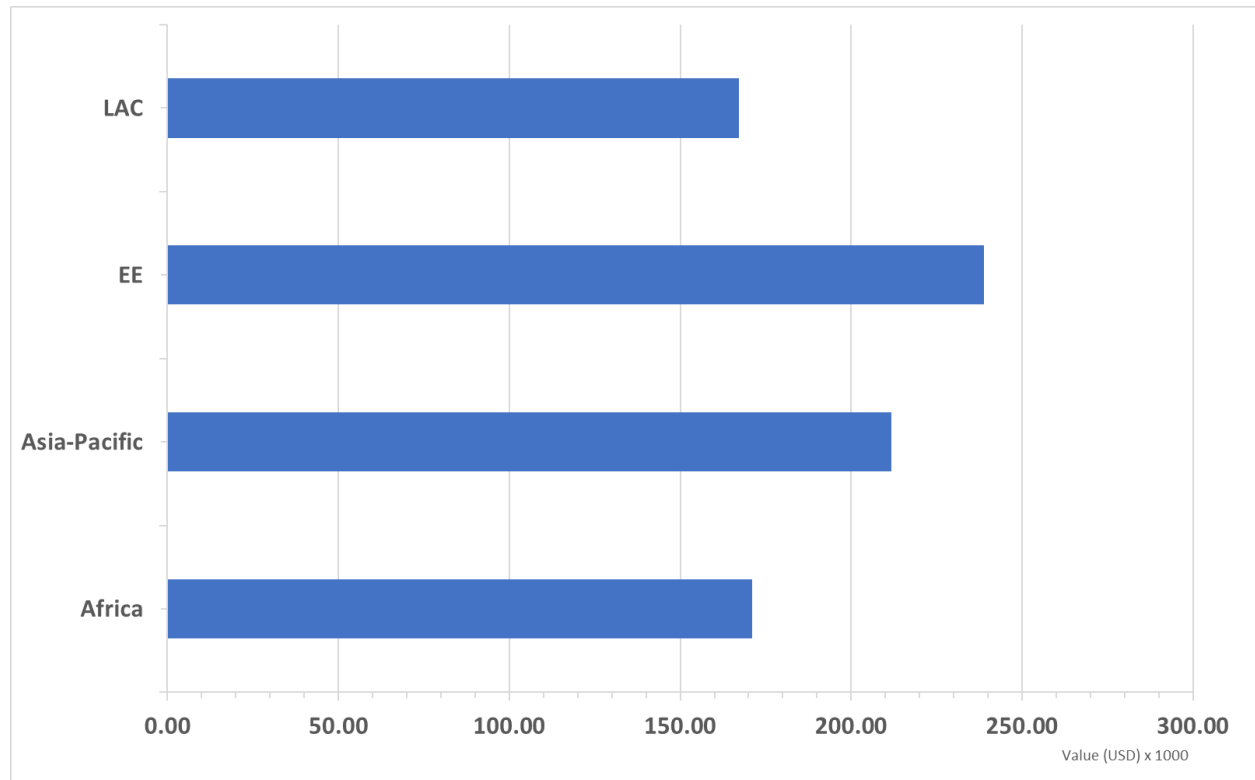
TA Value (USD)	Africa	Asia Pacific	EE	LAC
<150K	6	1		2
150-200K	8	3		3
200-250K	5	4	1	1
250-300K	1			
TOTAL	20	8	1	6

- 1) 35 projects under implementation during the reporting period.
- 2) Valued at USD 6.3 M.
- 3) Average / TA : 181,574.58 USD

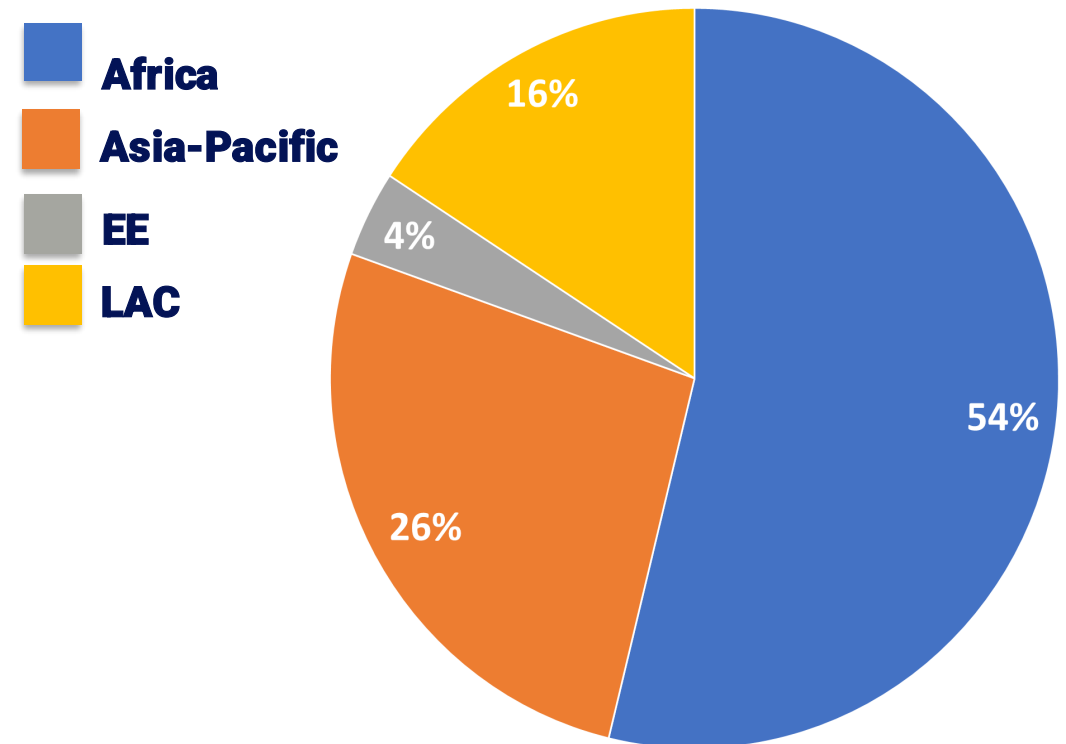
** Multi-country TAs are considered as 1 TA.*

Regional distribution of budget by TAs and by region

Average Budget of TA by Region

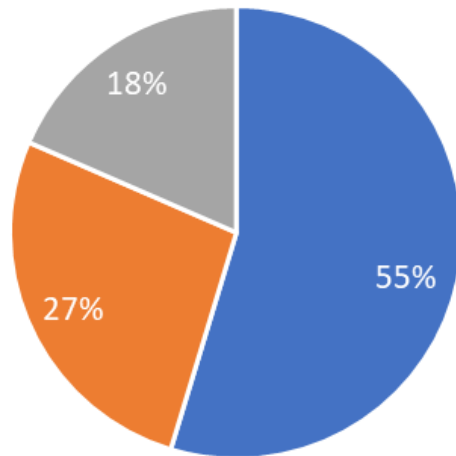


% Budget Absorption by Region



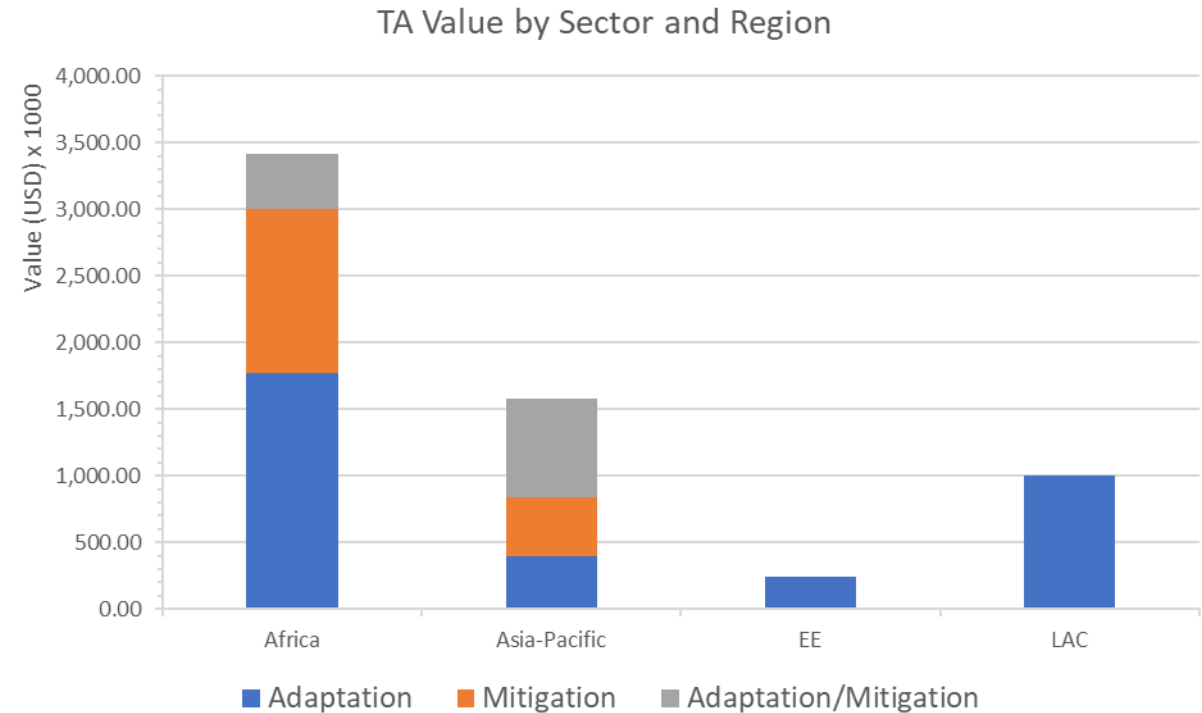
* Multi-country TAs are considered as being one unique TA

% Budget Absorption by Sector



■ Adaptation ■ Mitigation ■ Adaptation/Mitigation

TA Projects by Sector in Regions



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Regional Summaries

LAC: TAs Under Implementation

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TAs under implementation (3 WEF, 2 Business and Industries, 1 Buildings and Infrastructure).

Country	Title	System Transformation Area	Category
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
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
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

LAC: Closed & New TA Requests

- 2 TAs have been completed in the period October 2025-Feb 2026.
- 3 TAs contracted in the last 6 months.
- Trends in Requests:
 - TA requests on Early Warning Systems, AI applications in the water and agriculture sectors, innovative technologies, soil restoration.
 - Circular Economy.
 - Technology needs assessment for NDC implementation, (Panama and Suriname).
 - Colombia (forest fire), Costa Rica (mangroves), under contracting.
 - Chile (AI water sector), Cuba (Agro-environmental observatory), under bidding.



Africa: TAs Under Implementation

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
Burundi	Smart Irrigation & Rainwater Harvesting in Burundi	WEF	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
DRC, Togo, Guinea, Senegal	Diagnosing the feasibility of a pilot Agrivoltaic technology project in West and Central Africa across four countries (DRC, Senegal, Guinea, Togo)	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
Liberia	Feasibility and Viability Study for Implementing Blue-Green Infrastructure for Urban Resilience in Liberia	BI	Adaptation
Liberia	Provision of Technical Guidance to develop a renewable energy investment framework to increase the share of renewable energy-based electricity generation to achieve Liberia's NDC commitments	ES	Adaptation
Mali	Capacity building of ESCOs on digital energy audits (energy systems, mitigation+adaptation) Signature month: November 2025	ES	Mitigation
Mozambique	Development of a Framework and Roadmap for a National Innovation System to foster low-carbon and climate resilient economic development in Mozambique	BI	Adaptation/Mitigation
Mozambique	Enhance resilience to floods by introducing technology for flood risk mapping and simulation to formulate relevant policies and counter measures in the most flood affected areas	WEF	Adaptation
Senegal	Development of a Decarbonization Roadmap in the Cement Sector through Advanced Technology Upgradation and Enhanced Standards	BI	Mitigation
Senegal	Floating Solar Panels in Senegal: Feasibility Study for Kaffountine Diémbéring, small coastal towns of lower Casamance		Adaptation/Mitigation
Tanzania	Support for the Establishment of Tanzania Climate Innovation Centre (TCIC) within the Tanzania Commission for Science and Technology (COSTECH).	BI	Adaptation/Mitigation
Togo	Resilience of fishermen, fishmongers and mangrove restoration in the maritime region of Togo	WEF	Adaptation
Tunisia	Capacity building of managers and technicians of the Tunisian Navigation Company (CTN) as well as national energy auditors and maritime transport stakeholders in terms of energy transition and the effect of GHG emissions on the climate	ES	Mitigation
Zimbabwe	Development of a Decarbonization Roadmap in the Cement Sector through Advanced Technology Upgradation and Enhanced Standards - Zimbabwe	BI	Mitigation

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TAs under various stages of implementation, in adaptation, mitigation and cross-cutting sectors. WEF = 8; Business & Industry = 2; Energy Systems = 5; Buildings & Infrastructure = 5

Africa: Closed & New TA Requests

- Closed/nearing closure: Comoros (PV/net metering policy); Chad, Mali.
- 10 TAs contracted in the last 6 months.
- Trends in Requests:
 - 3 requests from Botswana (ESCOs-prioritize, solar power for health facilities, and biogas)
 - Under bidding: Burundi (insurance); Ivory Coast (AI in agriculture); Sierra Leone (aquaculture zoning).
 - Senegal – SF6 (in prep)
 - Ethiopia – cement (in prep)
 - Trends in a mix of adaptation and mitigation.
 - Requests for projects with pilot demonstrations.



Asia and the Pacific: TAs Under Implementation

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TAs under various stages of implementation, in adaptation, mitigation and cross-cutting sectors.

Country	Title	System transformation areas	Category
Mongolia	Reducing smallholder vegetable farmers' vulnerability to climate change impacts including water scarcity in Mongolia through EbA and digitalized risk mitigation insurance solutions	WEF nexus	Adaptation
Uzbekistan	Pre-feasibility study for groundwater desalination and resource recovery in Uzbekistan	WEF nexus	Adaptation/Mitigation
Bangladesh	Feasibility research of Solar Electric-Based Cold Warehouse equipped with Low-temperature Latent Heat Material for Fruit Storage in Bangladesh Climate Conditions	WEF nexus	Adaptation/Mitigation
Vietnam	Strengthening salinity intrusion data sharing and forecasting for adaptation to climate change impacts in the Mekong Delta of Viet Nam	Buildings and infrastructure	Adaptation/Mitigation
PNG	Pre-feasibility study on Ocean Energy focusing on Salinity Gradient Energy Technology and Electrochemical Ocean Thermal Energy Conversion	Energy systems	Mitigation
Maldives	Feasibility study on green hydrogen potential in Maldives and development of a national roadmap for sustainable energy transition	Energy systems	Mitigation
Fiji	Technical capacity enhancement for climate-resilient agriculture through the revision of national policies and the improvement of data management systems	WEF nexus	Adaptation
Cambodia	Development of National Green Hydrogen Roadmap for Accelerating Carbon Neutrality	Energy systems	Mitigation

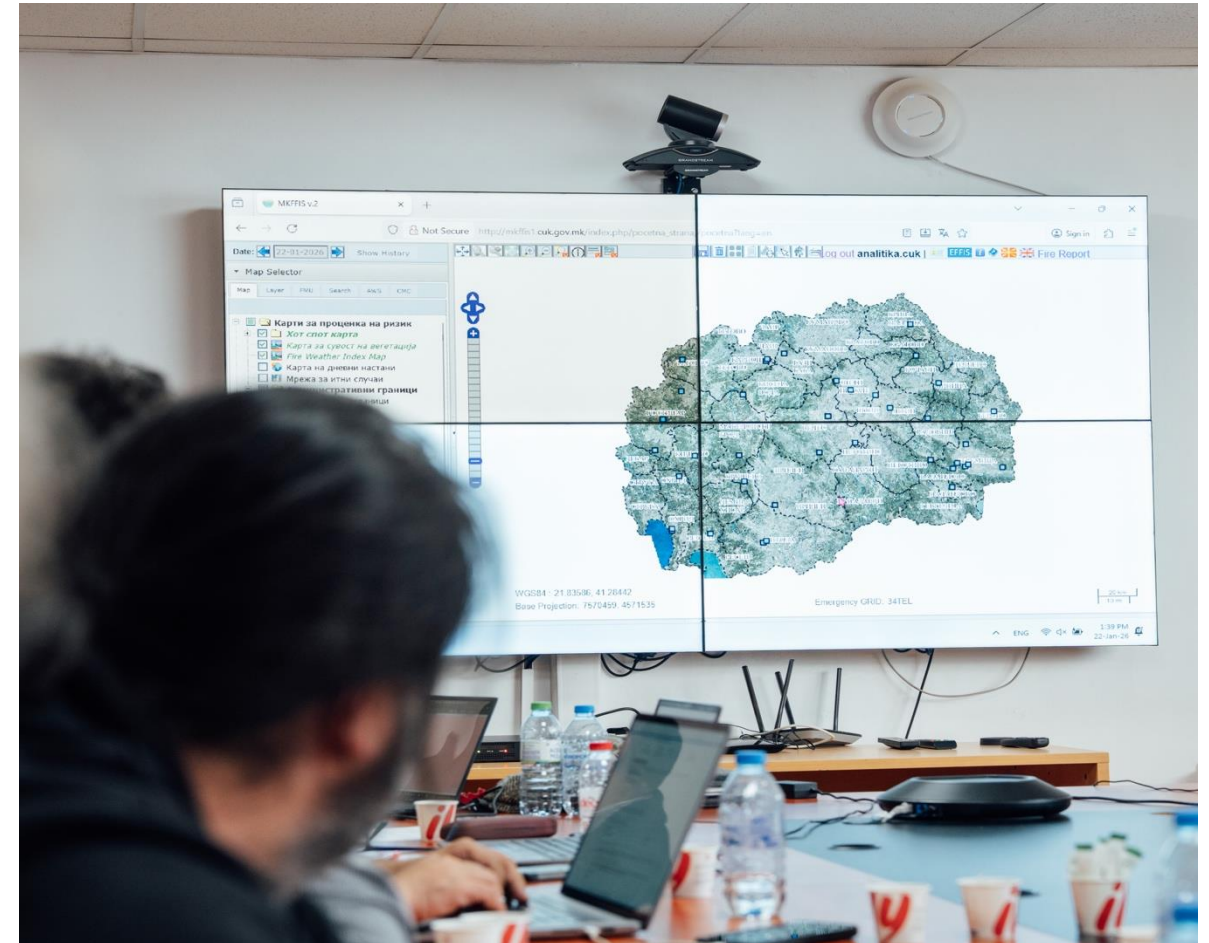
8 TAs under implementation (4 WEF nexus, 3 Energy systems, 1 Buildings and Infrastructure).

Asia & Pacific: Closed & New TA Requests

- 2 TAs have been completed in the period (October 2025-Feb 2026).
 - Nepal: Customized weather and climate information system for climate-resilient agriculture in Nepal
 - Timor-Leste: Formulating a National Electricity Grid Code and Development of a Net Metering Policy in Timor-Leste
- 3 TAs nearing their conclusion: PNG (ocean energy), Bangladesh (solar-based cold storage), Cambodia (green hydrogen).
- K-probono: Cambodia (green hydrogen) started its implementation in Aug 2025.
- Trends in Requests:
 - TA requests on green hydrogen-based fertilizer production (Nepal)
 - EWS (Vietnam, Laos)
 - AI-related weather and climate data (Tajikistan), Water management (Cambodia)
 - Multi-country for the Pacific: A regional roadmap for an open-source knowledge-sharing and capacity-building platform (PNG, Fiji)



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



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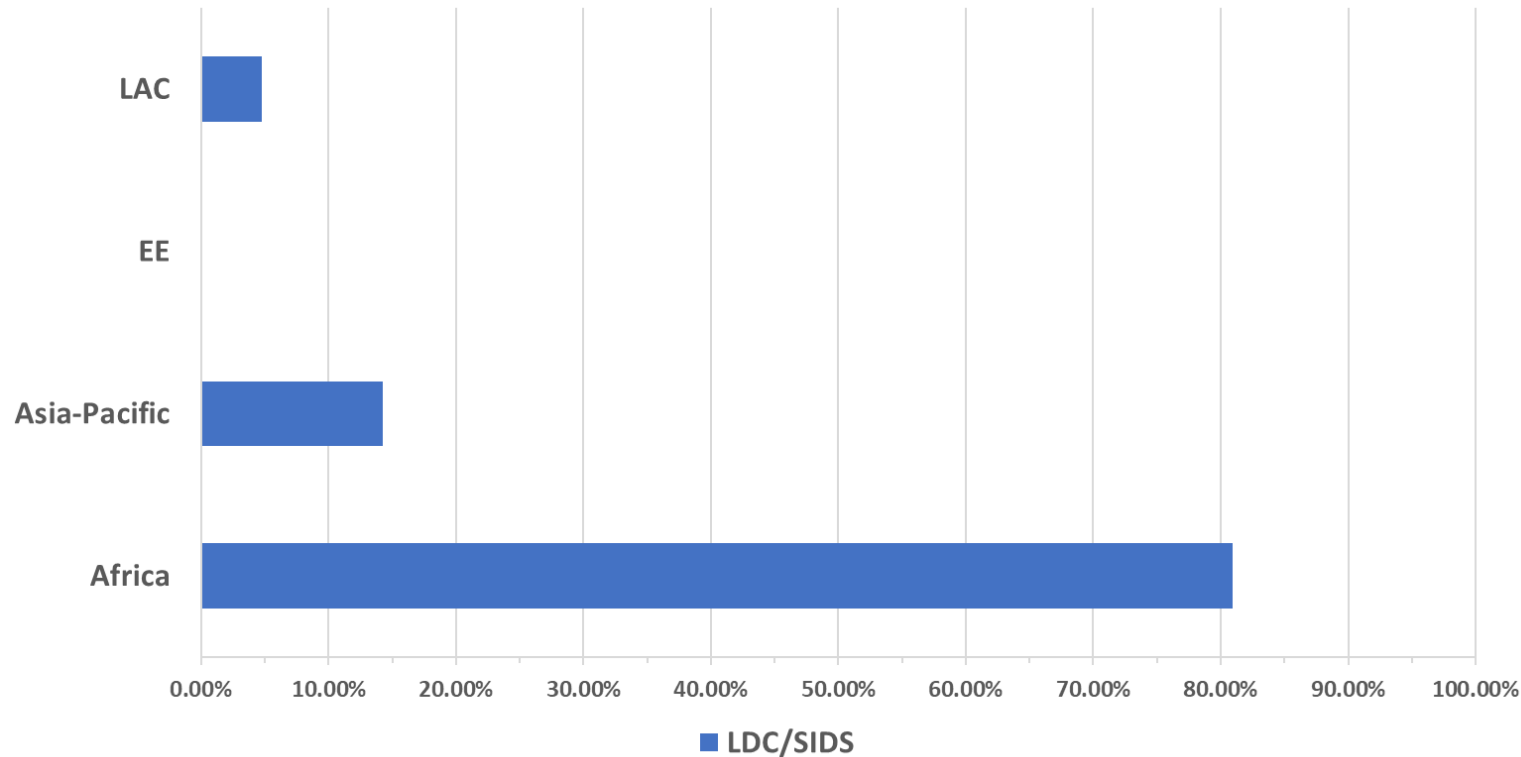
Implementation of Prioritization Criteria

Overview of implementation of Prioritization Criteria

Criteria	Status
P1: The request is <u>aligned to the CTCN's existing Programme of Work</u> .	All TAs comply with this
P2: The request is aligned to the <u>key themes of the Technology Framework of the Paris Agreement</u> .	All TAs comply with this
P3: The request is <u>submitted by LDCs or SIDS or by a country that has not received CTCN technical assistance in the last 5 years</u> , taking into account regional balance.	Quantitative details provided on slides
P4: The request <u>contributes to the CTCN's portfolio balance</u> between mitigation and adaptation.	Quantitative details provided on slides
P5: The request has the <u>potential to contribute to systems transformations</u> (nationally, regionally, and/or internationally).	All TAs comply with this
P6: The request is <u>part of multi-country approach to allow regional bundling</u> of requests to promote collaboration among stakeholders, including between countries (South-South, bilateral, or multilateral cooperation).	Qualitative details provided on slides
P7: The request, <u>developed in consultation with or with the engagement of</u> various national climate-related focal points, enables leveraging public and/or private financing or is developed in consultation with research or private sector.	Qualitative details provided on slides
P8: The request <u>promotes gender equality and / or the empowerment of youth, Indigenous Peoples, or local communities</u> .	All TAs comply with this (gender mainstreaming)

Prioritization criteria: 1.5 years after AB23 approval

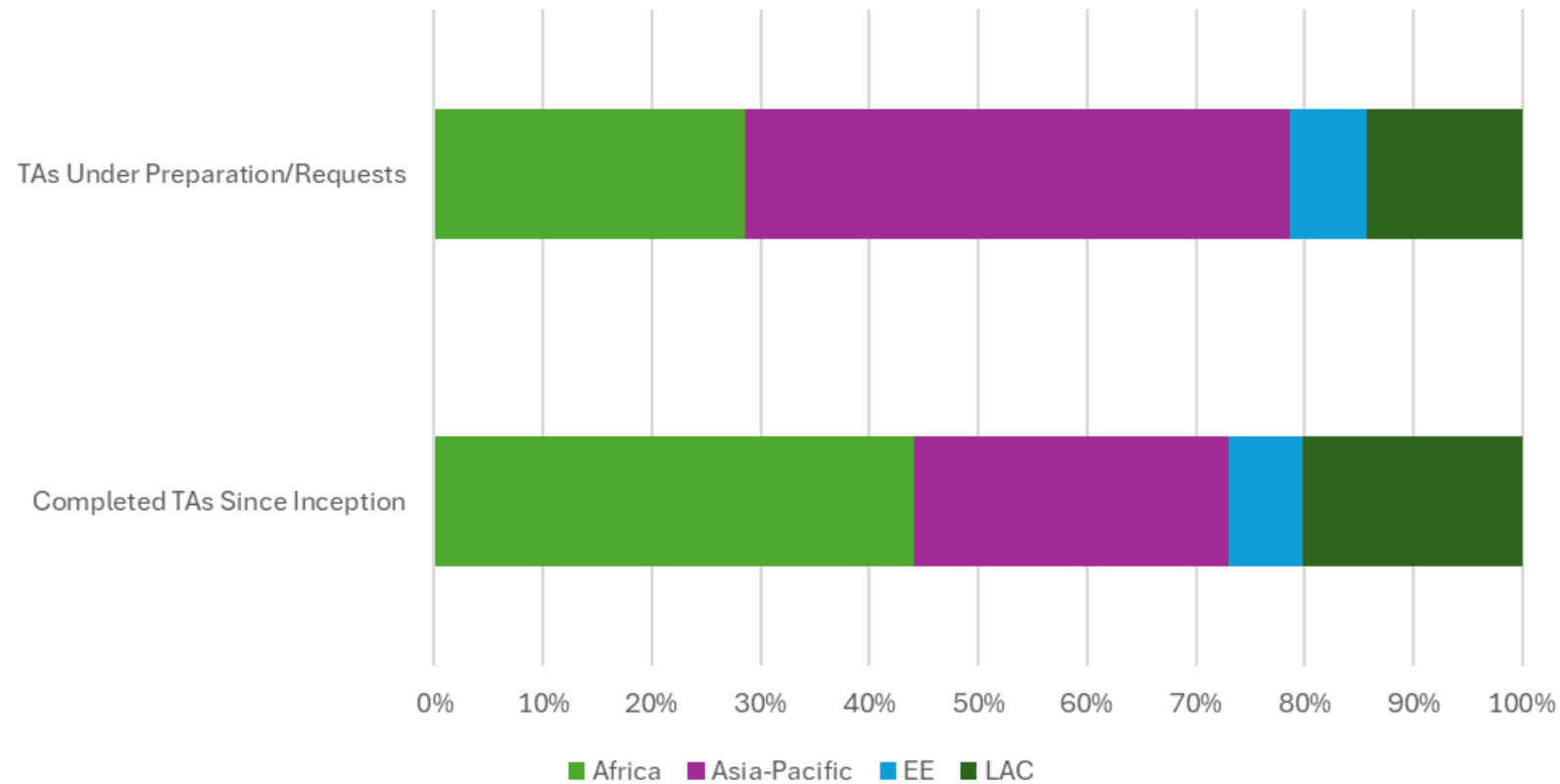
TA projects implemented in SIDS and LDC by regions



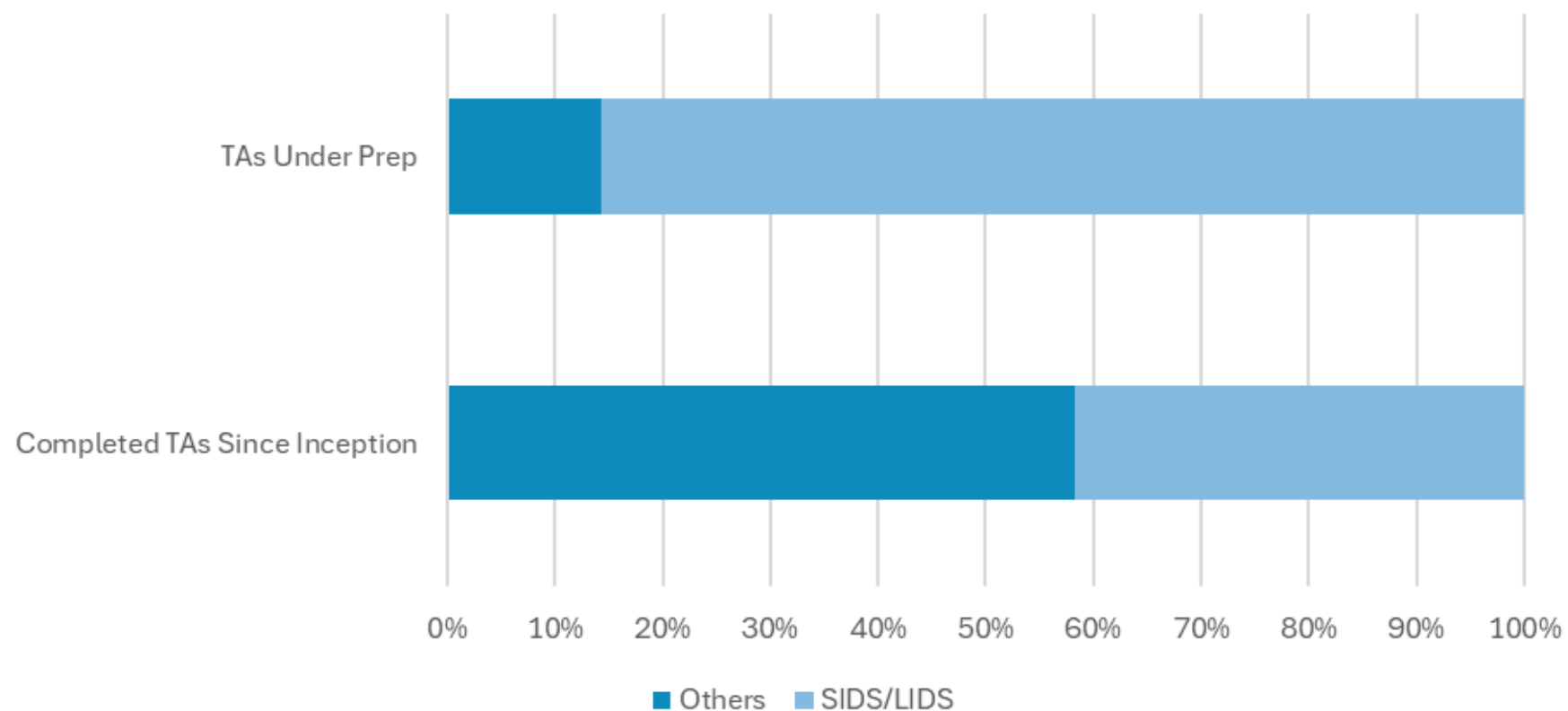
- 1) Out of the 35 projects under various stages of implementation, 19 are LDCs, 2 in SIDS and 16 with only 1 project each.
- 2) One project is multi-country.

P3: Regional Balance

Regional distribution of TAs completed to date vs. under preparation



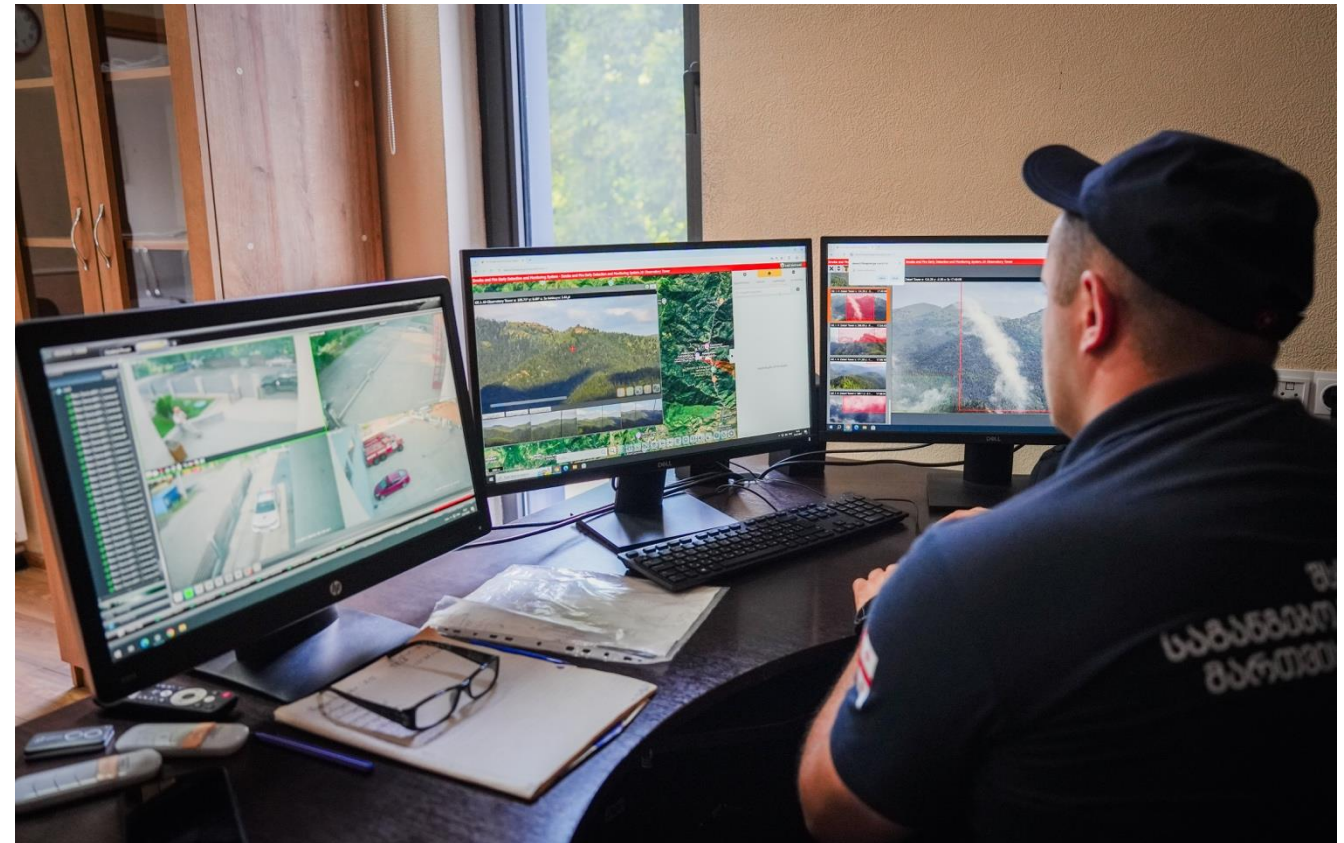
Distribution of TAs by SIDS/LDCS vs Others



P3: Prioritization of Underserved Countries

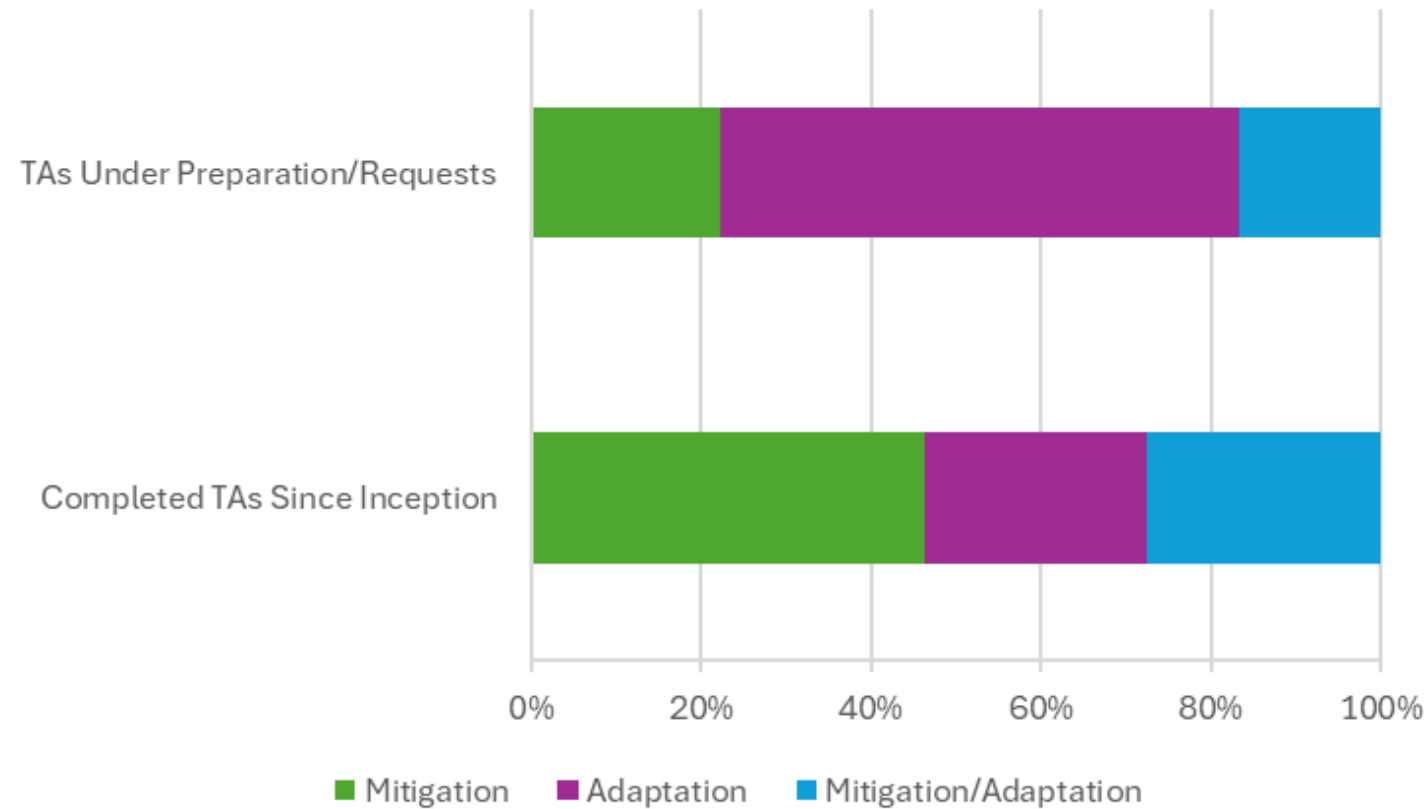
CTCN is proactively engaging NDEs from countries that have not/recently benefited from technical assistances before:

- Tajikistan
- Ethiopia
- Venezuela
- Bolivia
- Haiti
- Cuba
- Albania



P4: Balance Between Mitigation and Adaptation

Distribution of TAs between mitigation and adaptation



P6: Multi-Country and Stakeholder Collaboration

While there is no significant trend of countries submitting multi-country requests or specific collaborations, the CTCN is proactively guiding countries and assessing opportunities for collaboration.

Examples include:

- a) Multi-country for the Pacific: A regional roadmap for an open-source knowledge-sharing and capacity-building platform (PNG, Fiji).
- b) Technology needs assessment for NDC implementation, (Panama and Suriname).
- c) Possibility of some multi-country TAs under AFCIA II.



P7: Coordination with CC Focal Points, Financing, Research and/or Private Sector

Coordination with CC Focal Points, Financing Mechanisms, Research and/or Private sector continues to be key particularly for:

- Replication within country or across the region.
- Efficient engagement of relevant Network Members providing certain technologies.
- Scaling up either thematically, geographically or through investment models.

Some examples from current TAs:

- a) Tanzania TA on TCIC involving universities (as project proponents/beneficiaries).
- b) Gambia (NGO) working with PCM technologies for cooling.
- c) Mali (ESCOs) in energy audits for buildings.
- d) Ecuador (MSMEs) in adoption of climate technology in floriculture sector.
- e) Cuba (University), exploring use of drones for coastal monitoring.
- f) Chile AI for non-revenue water monitoring, includes a private sector company, the University of Chile.
- g) Bangladesh solar-based cooling for fruits (private sector company/NGO as proponents).
- h) Cambodia submitted a TA request, which includes local academics as a key stakeholders.
- i) Mongolia (banks, farmers associations).

- 1) **NDE Awareness Effect:** continued awareness of criteria by NDEs improves outcomes – they propose/forward projects that are relevant, minimizing screening time.
- 2) **Targeted Screening for LDC/SIDS Enhances Uptake:** Attention given to countries that are LDCs/SIDS and/or that have not benefited from CTCN TAs recently also enhances uptake. Uptake is also a function of awareness, internal government organization and respective liaison with CTCN.
- 3) **Balancing Criteria Outcomes:** Consideration of externalities outside scope of criteria (e.g. LDCs which submits several requests at once, in addition to benefitting in multi-country TAs). Final scoring may still **lead to an unbalanced portfolio**, hence need for “rational” allocation by CTCN
- 4) **Criteria Redundancy: Several (e.g. P1,P2,P5) of the PC's outcomes are met at initial screening**, and all requests that reach the CTCN comply with those. This is partially due to the fact that requests are often discussed between NDEs and TA team members even before submission.
- 5) **Frequency of Reporting on PC:** Probably every two years might provide a more apparent trend.

THANK YOU



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