



ADAPTATION FUND

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# AF Support to Technology Development and Transfer

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## Medium-Term Strategy (2023-2027)

# Theory of change

*Finance concrete adaptation projects and programmes that are country driven and based on the needs, views and priorities of developing countries that particularly vulnerable to the adverse impacts of climate change.*

### GOAL

Protect **people, livelihoods** and **ecosystems** through climate-resilient development

### VISION

Enhance **adaptive capacity**, strengthen **resilience** and **reduce vulnerability** to climate change

### MISSION

Accelerate **effective adaptation actions** and **efficient access** to finance for the most vulnerable communities in developing countries

#### STRATEGIC PILLARS

### ACTION

### INNOVATION

### LEARNING & SHARING

*All of the Fund's activities and processes are designed to:*



Promote **locally led** adaptation



Enhance **access to climate finance** and long-term institutional **capacity**



Empower and benefit the most vulnerable people and communities as **agents of change**



Advance **gender equality**



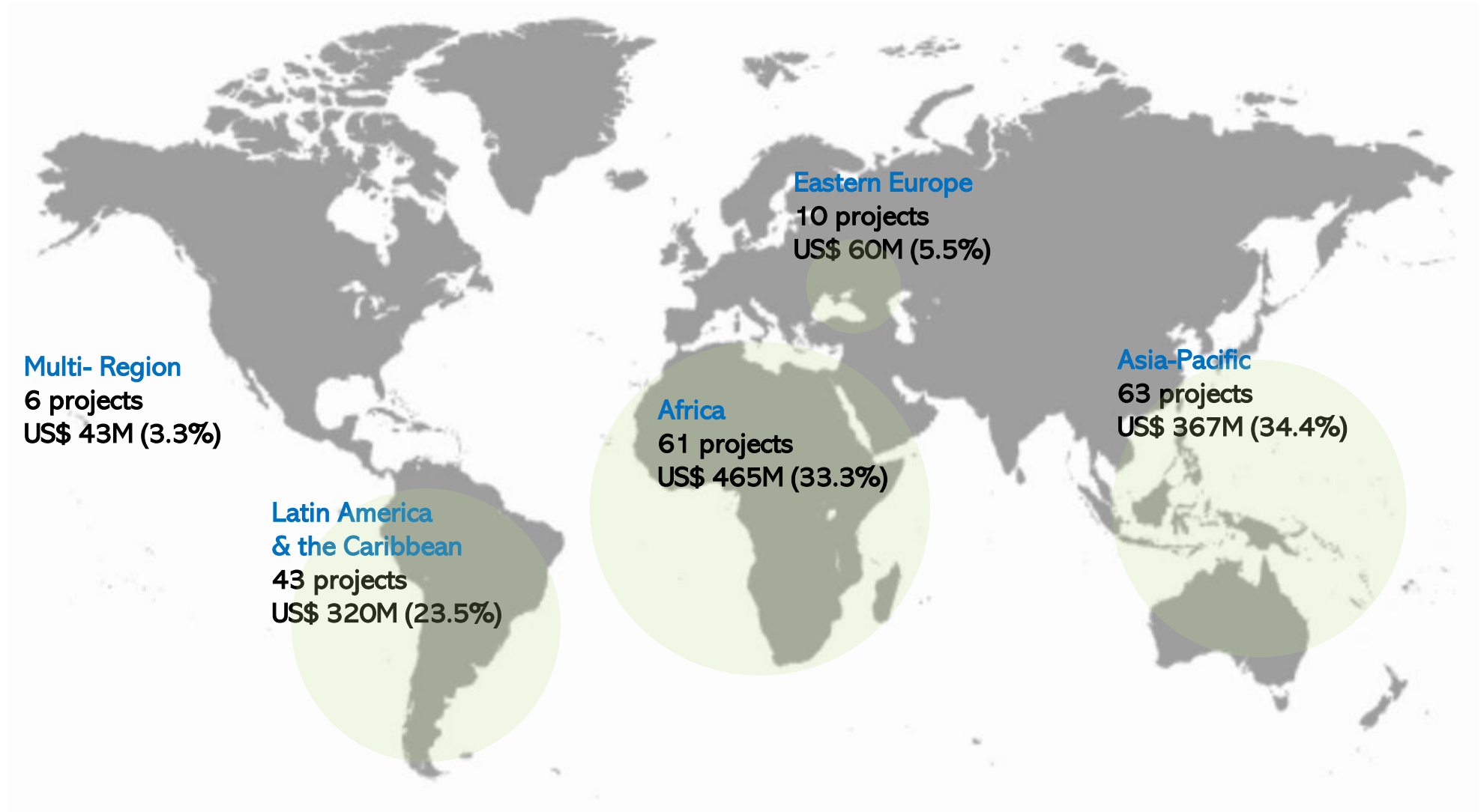
Enable the **scaling** and **replication** of results



Strengthen **complementarity, coherence and synergies** with other adaptation funders



# Regional breakdown of AF Investments



# What the Adaptation Fund has to offer for eligible developing countries

**Finance concrete adaptation activities** in the most vulnerable communities

*Visible and tangible impacts at the local level that can be scaled up*

**No prescribed sectors or approaches**

*Country-driven process that accommodates countries' priorities and adaptation reasoning*

**Country cap: USD 20 million** available per country & up to 2 NIEs per country

*For single country projects, other grants available outside of country cap*

*(Must access at least 8M or have a project completed more than 4 years to access second US 10M)*

**Finance the full cost of adaptation**

*No co-financing requirements*

**50% of portfolio** for Direct Access

*Total allocation for projects/ programs submitted by MIEs cannot exceed 50% of resources*



# Funding Windows





# Adaptation Fund Funding Windows

PILLAR	FUNDING WINDOW	ACCREDITED ENTITY TYPE	MAXIMUM FUNDING AMOUNT
ACTION	Single Country	NIE, RIE, MIE	Up to USD 10 Million <i>per Project/Programme</i>
	Regional	RIE, MIE	Up to USD 14 Million <i>per Project/Programme</i>
	LLA Single country projects/programmes	NIE, MIE, RIE	USD 5 Million <i>per Project/Programme</i>
	Project Scale Up	NIE	USD 100,000 <i>per Grant</i>
INNOVATION	Small (single country)	NIE	USD 250,000 <i>per Project   USD 750,000 with learning</i>
	Large (single country or regional)	NIE, MIE, RIE	USD 5 Million <i>per Project/Programme</i>
	Adaptation Fund Climate Innovation Accelerator	Non- accredited through MIE, RIE Accelerator	Up to USD 250,000 <i>per Grantee/Innovator</i>
LEARNING & SHARING	Learning Grants	NIE	USD 500,000 <i>per Grant   USD 750,000 with innovation</i>
READINESS	Readiness Support Package Grant	NIE	USD 150,000 <i>per NIE</i>
	Technical Assistance Grant for the Environmental and Social Policy and Gender Policy	NIE	USD 25,000 <i>per NIE</i>
	Technical Assistance Grant for the Gender Policy	NIE	USD 10,000 <i>per NIE</i>



# Project Formulation Grants

(Available to NIE, RIE, MIE)

	Less than USD 2M	USD 2M to 5M	USD 5M and above	Locally-led adaptation
Single country projects	\$50,000	\$100,000	\$150,000	\$150,000 +\$100,000
Regional projects			\$150,000 (1-2 countries) +\$15,000 per additional country Max \$250,000	

3-step approach

Pre-Concept

Concept

Full proposal

Maximum at *Pre-concept* stage is  
**20% of the maximum total PFG  
applicable** (only regional and LLA)



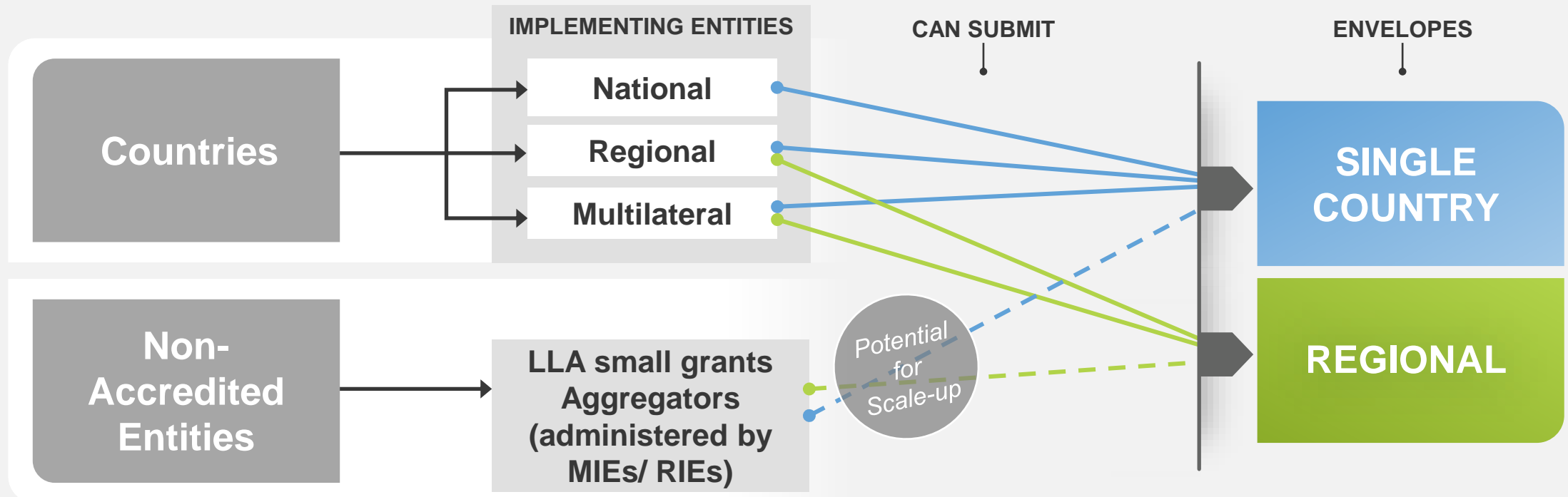
# Who can submit to the Locally-Led Adaptation Funding Window

*outside of  
country  
cap*

## Advantages

Devolving finance

Direct support to non-accredited actors





# LLA Aggregator proposals

PROJECT STATUS	IMPLEMENTING ENTITY	AMOUNT	DESCRIPTION
Submitted full proposal	CAF	\$12M	<i>The programme aims to prioritize nature-based solutions for climate risk management, urban water management, and the enhancement of green and blue infrastructure.</i>
Invited to submit proposal	CDB	\$8M	<i>The programme objective is to reduce the exposure of Caribbean communities, livelihoods, and infrastructure to climate-induced natural hazards through well-functioning multi-hazard community early warning systems and risk-informed locally led adaptation actions that increase resilience.</i>
	UNDP	\$10M	<i>The Indigenous Peoples Programme for Locally Led Adaptation in Africa aims to finance design and implementation of local Landscape Adaptation Programmes (LAPs) comprised of locally led adaptation initiatives planned, developed and coordinated by Indigenous Peoples and local communities (IPs and LCs).</i>
	UNIDO	\$15M	<i>Scaling Locally Led Adaptation Solutions (SLLAS) programme aims to enhance the resilience and adaptive capacity of vulnerable communities by scaling up proven and effective locally led climate adaptation projects and technologies.</i>



# INNOVATION Funding Window

outside of  
country  
cap

## Types of Interventions

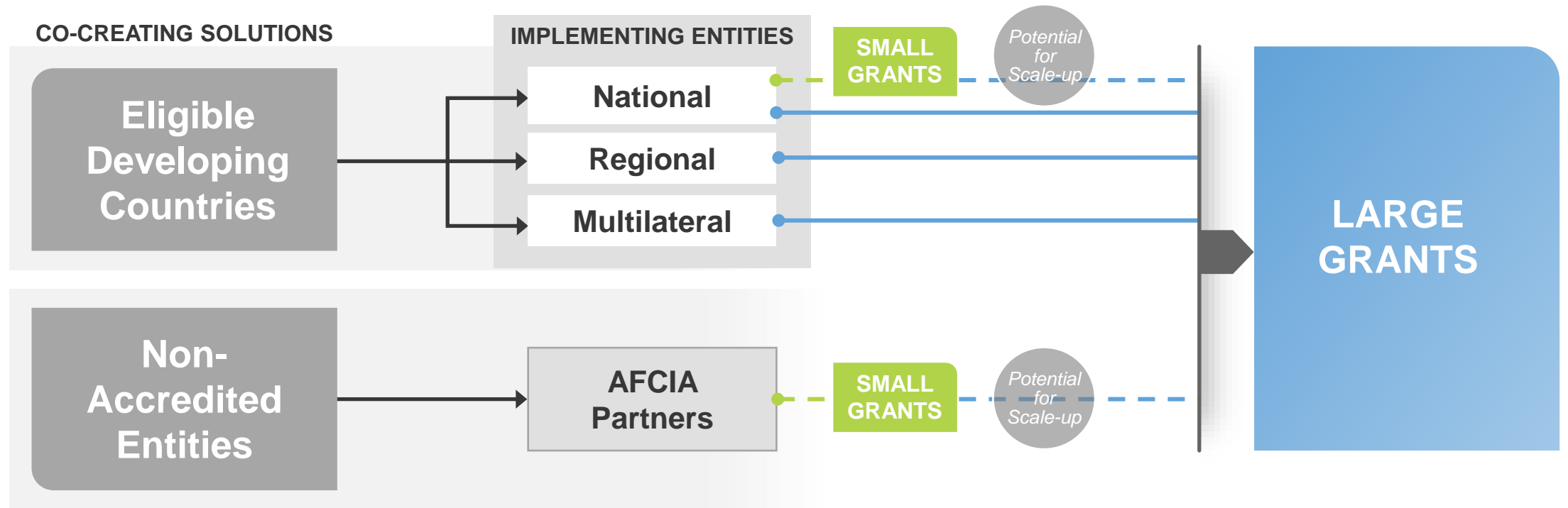
Pilot

Demonstrate

Improve

New

Adapted technology solutions or practices



# AFCIA Partners

PROJECT STATUS	IMPLEMENTING ENTITY	AMOUNT	DESCRIPTION
Under Implementation	UNDP	\$5M	Tailored technical, business, incubation & acceleration support for competitively sourced innovations. 44 grantees (as of 2024), 2 calls
	UNEP-CTCN	\$5M	Phase I – Micro-grants for development and diffusion of innovative adaptation practices, tools, & technologies, 25 grantees (as of 2024), 3 calls
	WFP	\$10M	Support startups in developing countries with acceleration programs and grants
Proposal Approved	UNIDO	\$10M	Support SMEs in developing countries with incubation/acceleration programs and grants
	UNEP-CTCN	\$10M	Phase II – Target: Non-Annex1 countries. The project includes 1) TA to 40 technologies, 2) Additional TA to scale up, and 3) Further assistance to strengthen NSIs
	UNEP-CTCN	\$2.6M	AFCIA Coordination Proposal to develop synergies among partners
Invited to submit proposal	SPC	\$5M	Not yet submitted
	SPREP	\$5M	Proposal submitted – under review





# Driving Technology Development and Transfer for Adaptation



The Adaptation Fund recognizes that effective adaptation requires tailored technological solutions.



Technology support is embedded across the Fund's innovation funding modalities.



Focus is on both development (design, testing, piloting) and transfer (scaling, diffusion, enabling environments).



The Fund supports both hard (infrastructure, devices) and soft (knowledge, systems, data) technologies.

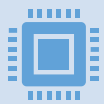
# Latest Developments – Strengthening Technology Ecosystems through Innovation



Updated Strategic Results Framework (2023–2027) includes indicators for enabling innovation environments.



Deepened collaboration with CTCN to support national systems of innovation.



UNEP-CTCN AFCIA Phase II prioritizes technology diffusion, system strengthening, and TA for 40 adaptation technologies.



Joint dialogues with tech and innovation actors to bridge knowledge gaps and scale impact.

# Practical Outcomes – Translating Technology into Action

## **Brazil – Greywater Reuse & Agroforestry (Centro Sabiá) (UNDP)**

Integrated systems for household greywater reuse and agroforestry in semi-arid regions  
Boosts food security and water availability through training and replication

## **Micronesia – Durable Food Processing (Island Food Community of Pohnpei) (UNDP)**

Locally appropriate food preservation tech reduces post-harvest losses and import reliance  
Strengthens women's economic roles and food sovereignty

## **Uganda – Picture-Based Index Insurance (BIRDC) (UNDP)**

Mobile-enabled crop insurance based on farmer-uploaded photos  
Delivers fast payouts and builds climate risk protection

## **Vietnam – Circular Water Systems from Aquaculture Waste (VACC) (UNDP)**

Reuses aquaculture materials for rainwater harvesting and irrigation  
Supports circular economy and water efficiency

## **St. Kitts & Nevis – Drought Risk Modeling & Early Warning (UNEP-CTCN)**

Satellite data + seasonal forecasts for climate-informed planning  
Builds local capacity for proactive water resource management

## **Zambia – Groundwater Mapping for Drought Resilience (UNEP-CTCN)**

Advanced aquifer mapping and water balance modeling  
Tech embedded in national policy, supported by training of local authorities







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