GREEN CLIMATE FUND

UN environment programme | CTCN UN Climate Technology Centre & Network | nxpo OFFICE OF NATIONAL HIGHER EDUCATION SCIENCE RESEARCH AND INNOVATION POLICY COUNCIL

GCF

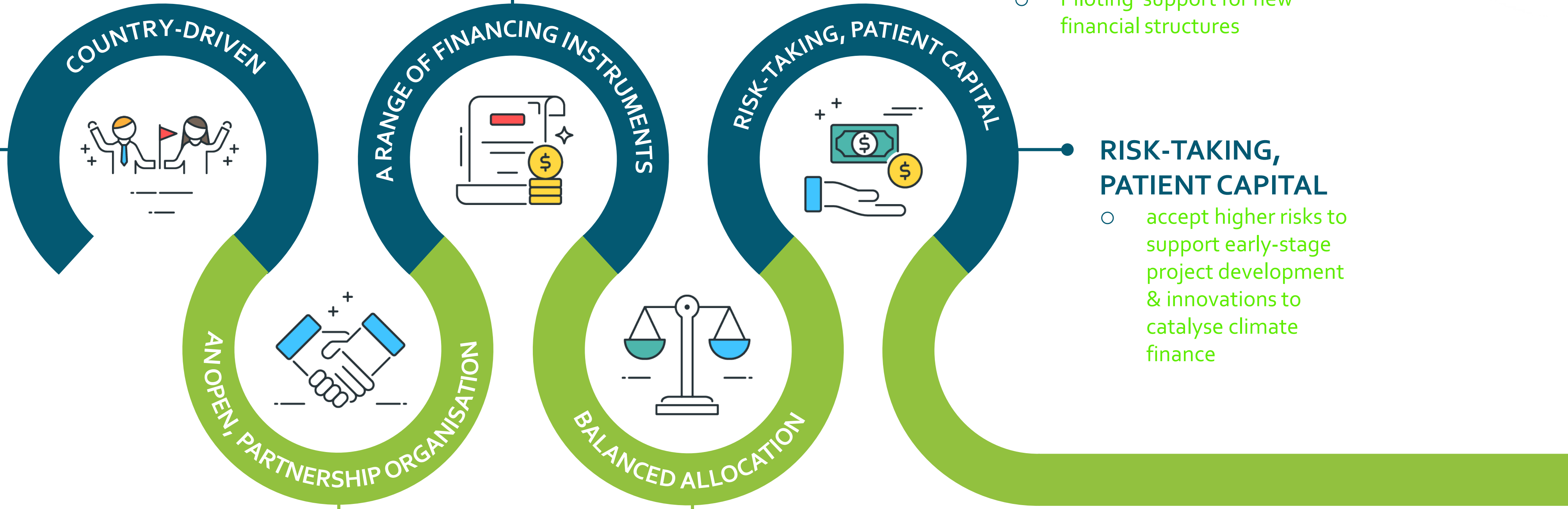
Systemic Approach: Climate Finance Pathway

Dr Bapon Fakhruddin, Climate Investment Principle

UN CTCN 2026 Joint Programme

GCF.10 10 YEARS OF CLIMATE IMPACT

Key Features of the GCF



COUNTRY-DRIVEN

- Readiness programme supports country planning
- GCF programming is aligned with country priorities

A RANGE OF FINANCING INSTRUMENTS

- leverage blended finance
- Piloting support for new financial structures

RISK-TAKING, PATIENT CAPITAL

- accept higher risks to support early-stage project development & innovations to catalyse climate finance

AN OPEN, PARTNERSHIP ORGANISATION

- over 200 Accredited Entities and delivery partners

BALANCED ALLOCATION

- targeting 50:50 allocation between mitigation & adaptation

Our vision: creating a fit-for-purpose Fund

GCF aims to speed up, scale up, and optimise every dollar we invest, so that we can efficiently and impactfully manage a capitalisation of USD 50 billion by 2030.

Vulnerability
Enhancing support for the most vulnerable people and communities

Private Sector
Mobilizing private sector participation and investments

Partnership
Reinventing GCF's partnership model, including its accreditation process

Efficiency
Improving access through efficiency

Impact
Pivoting the Fund's operations to prioritize broad-scale, system-transforming programmes over isolated projects

Where we focus?

Mitigation

Reduced Emissions from:

- Energy generation and access
- Transport
- Buildings, cities, industries and appliances
- Forests and land use

Adaptation

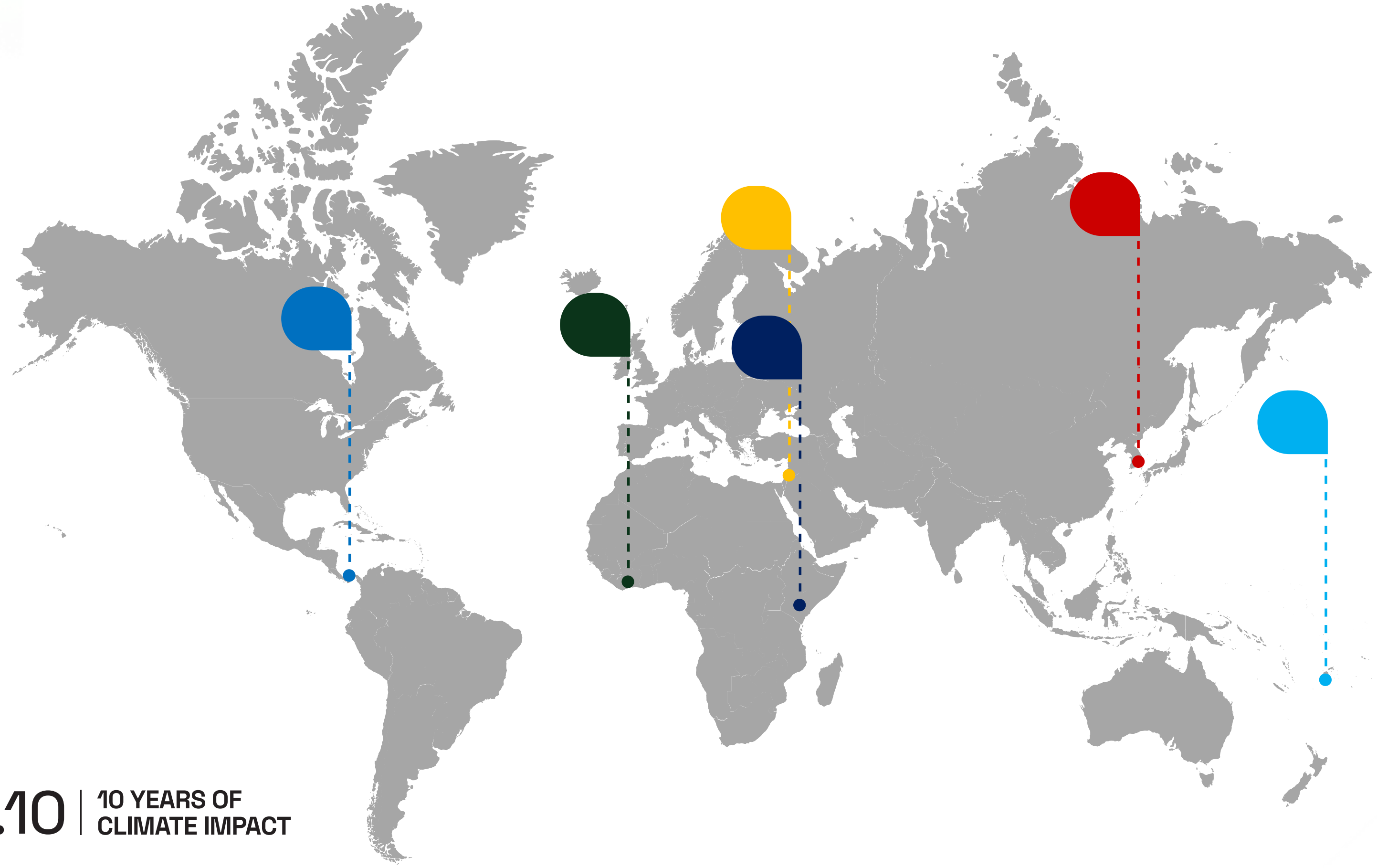
Increased Resilience of:

- Livelihoods of people and communities
- Health, food and water security
- Infrastructure and the built environment
- Ecosystems and ecosystem services

GCF Regional Presence

B.44 (March 2026) decided on configuration and geographical coverage

Regional offices providing **full programming and engagement support** (readiness, pipeline, implementation, monitoring).



Latin America & Caribbean
Panama City - Panama

Central, North & West Africa
Abidjan – Côte d'Ivoire

East & Southern Africa
Nairobi - Kenya

Eastern Europe, Central Asia and Middle East
Amman - Jordan

Pacific sub-regional Office
Suva – Fiji Islands

Headquarters & East, South & Southeast Asia
Incheon – South Korea

USP2: Programming Priorities 2024-2027

Empower developing countries

As a climate capacity-builder, GCF will enhance its Readiness Programme to help countries translate their Nationally Determined Contributions (NDCs), National Adaptation Plans (NAPs) and Long-term Climate Strategies (LTS) into climate investments and programming.

Mobilise the private sector

GCF will optimise its risk appetite and flexible financing to engage the private sector and unlock the financial flows needed by developing countries for climate action.

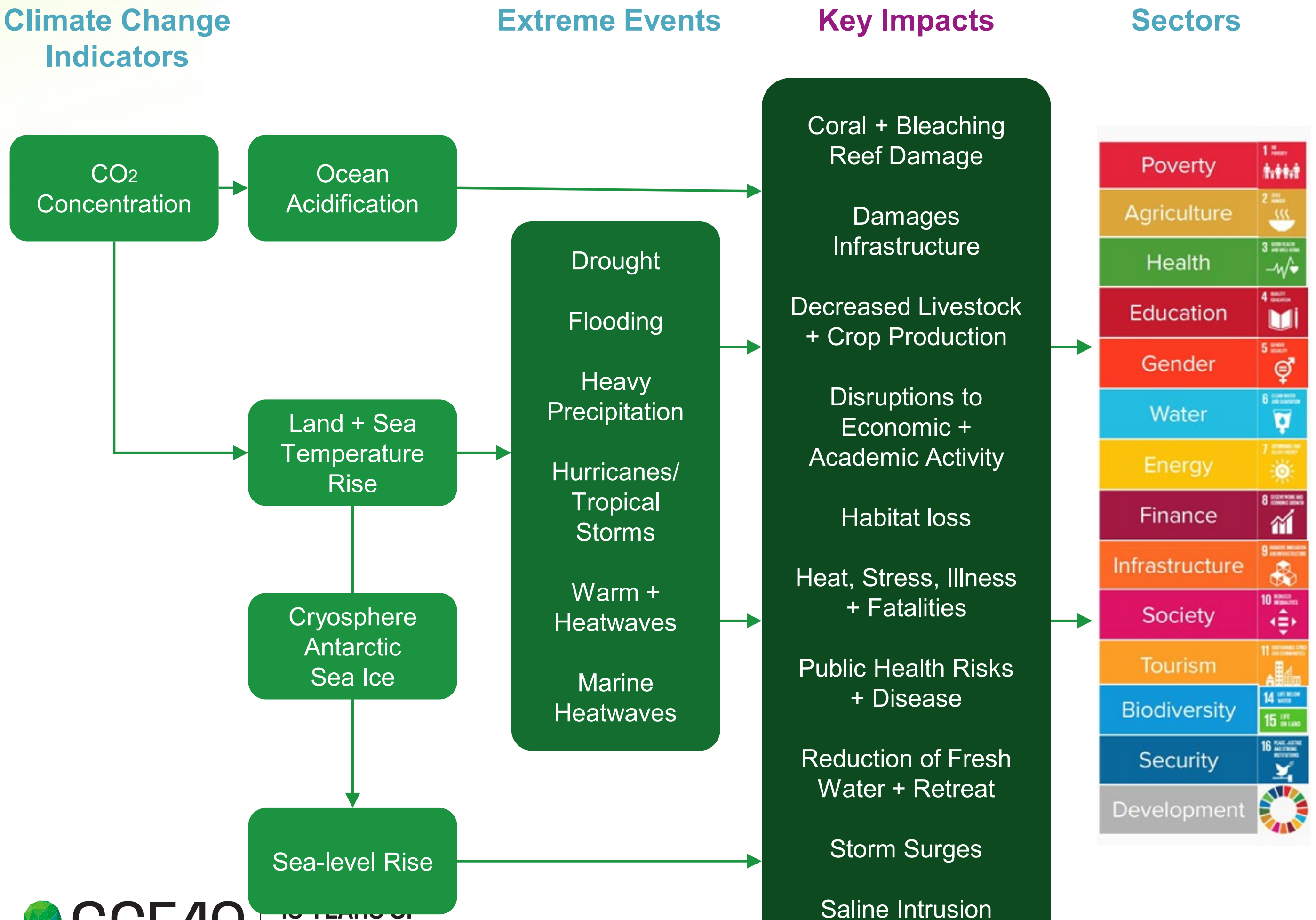
Improve access

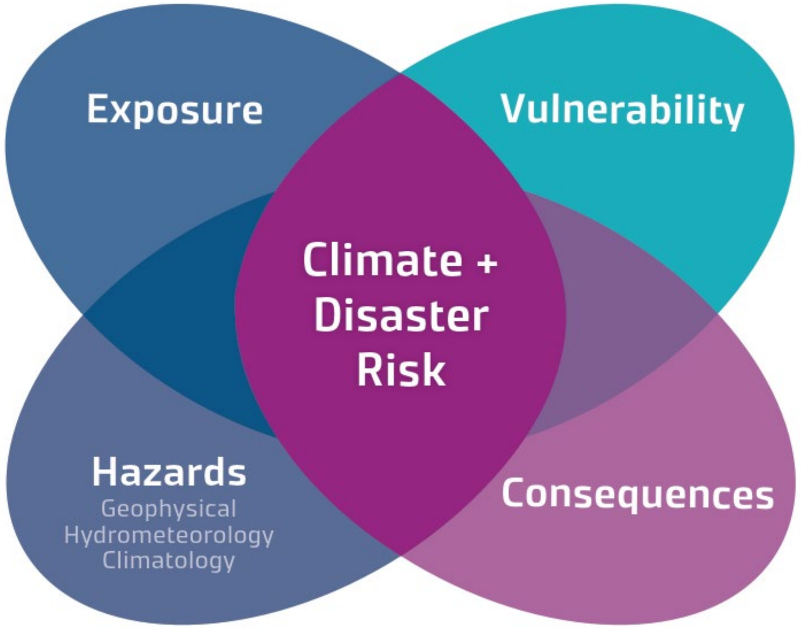
GCF is committed to significantly improve access for developing countries to GCF finance, ensuring funding is delivered efficiently and effectively to communities who need it the most.

Protect the most vulnerable

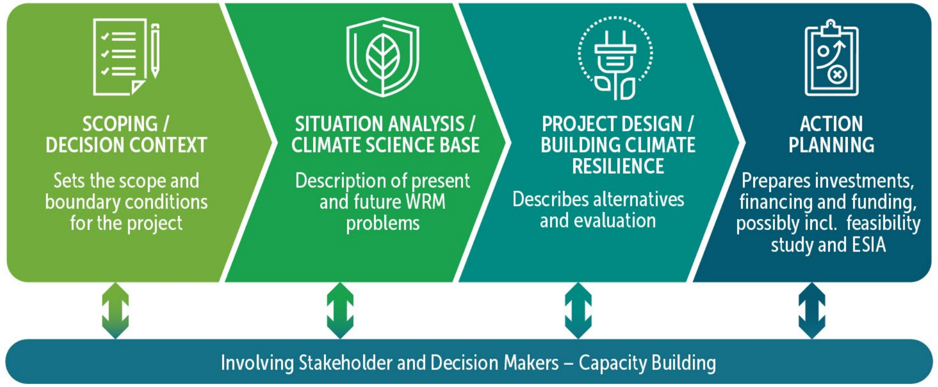
GCF will enhance support for the most vulnerable people and communities to address their immediate adaptation and resilience needs, such as urgent climate threats by expanding coverage of climate information and early warning systems.

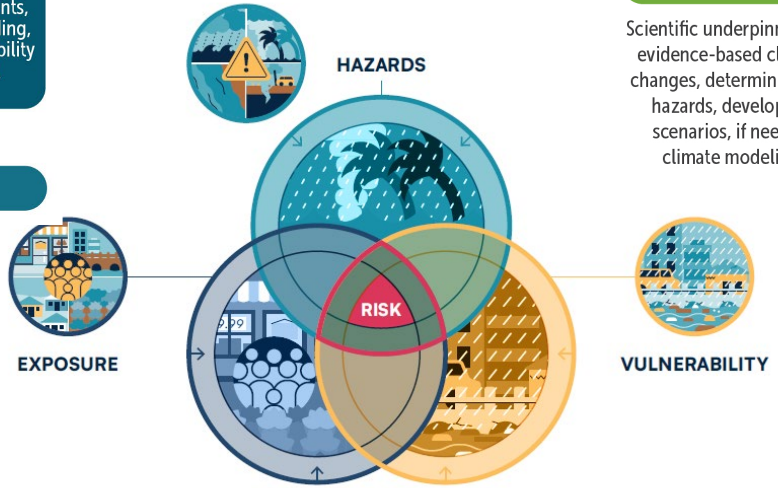
Climate change impacts

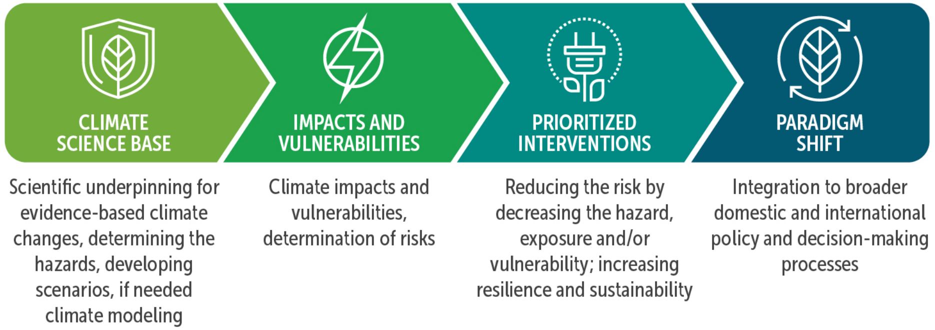




Key Principles- Structured approach for project design

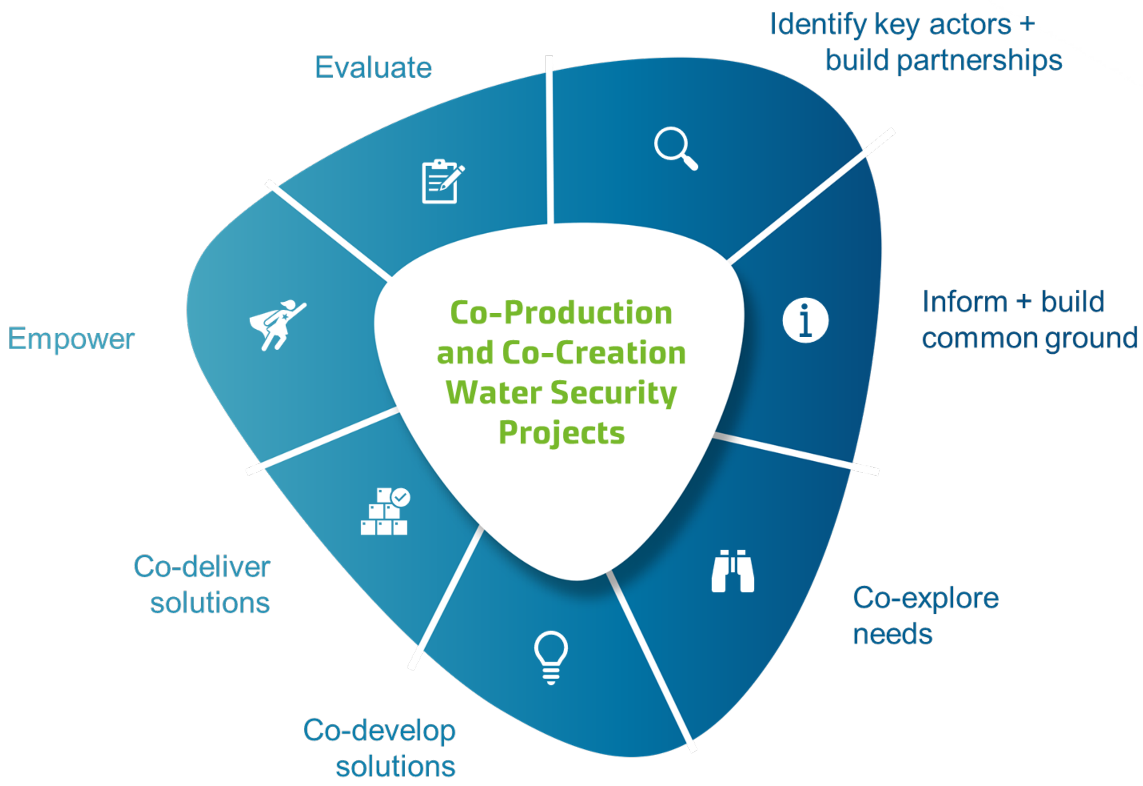






GCF Investment criteria

- Impact potential
- Paradigm shift
- Sustainable development
- Recipients needs
- Promote country ownership
- Efficiency & effectiveness



Systems thinking - Integrating the sub-systems

Innovative and fit for purpose finance

De-risking Mechanisms

Use blended finance, guarantees, and insurance to mitigate market risks associated with water projects.

Capital Mobilization

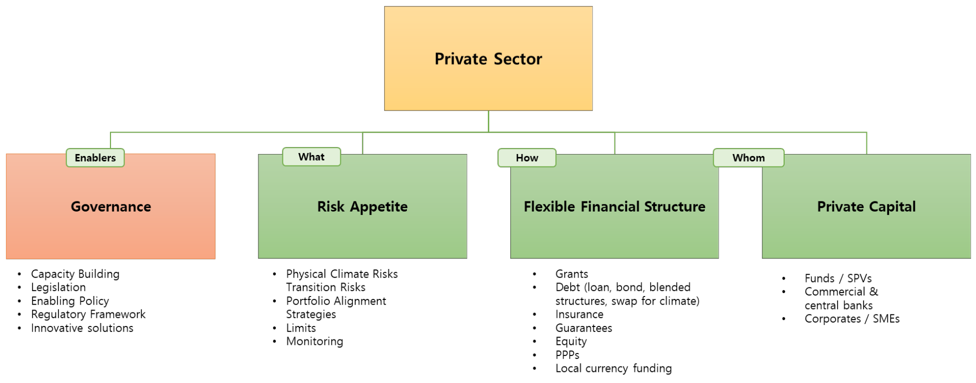
Engage a mix of public, private, and philanthropic funds to improve liquidity and resource allocation for water infrastructure.

Bankable Project Structures

Design projects with clear revenue streams, scalable models, and rigorous assessments to attract investment.

Financing Models

Innovate with tailored financing structures like pay-for-success models or impact investing strategies that align with water sustainability goals.



Adaptive and Agile Water Governance

Efficiency

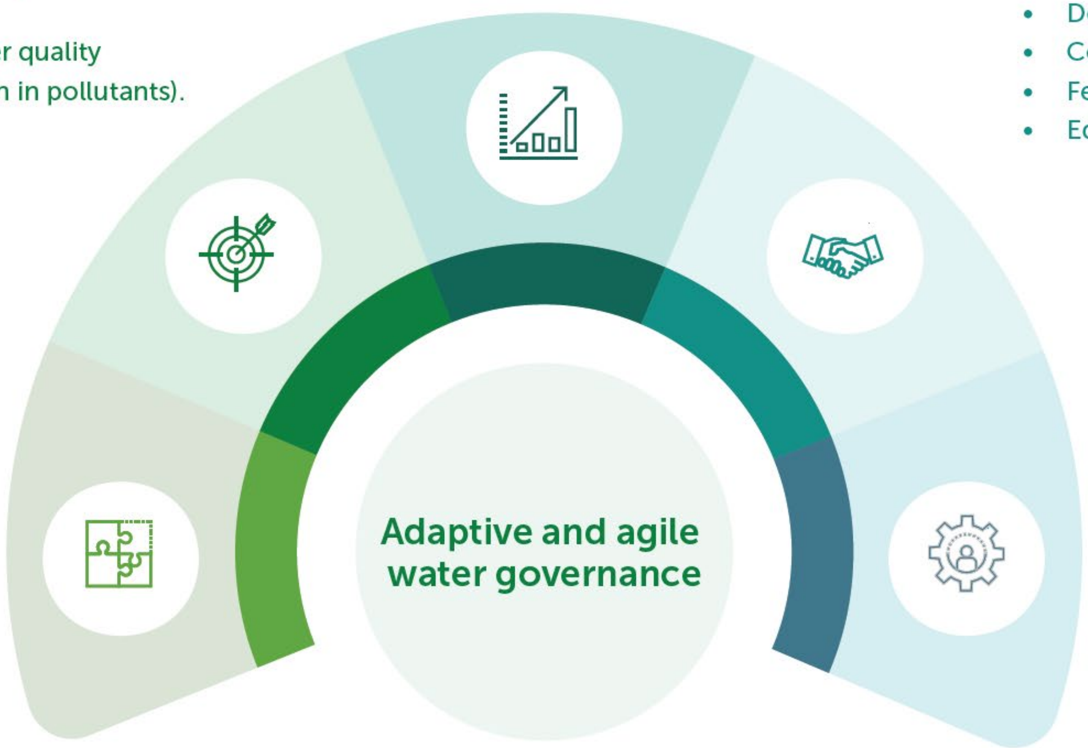
- Cost-Benefit analysis using water data
- Resource utilization and regulatory functions
- Time efficiency

Effectiveness

- Goal achievement though clear roles and responsibilities
- Improvements in water quality
- metrics (e.g., reduction in pollutants).
- Reduction in conflicts

Transparency and engagement

- Access to information
- Decision-making processes
- Community participation
- Feedback mechanisms
- Education and awareness



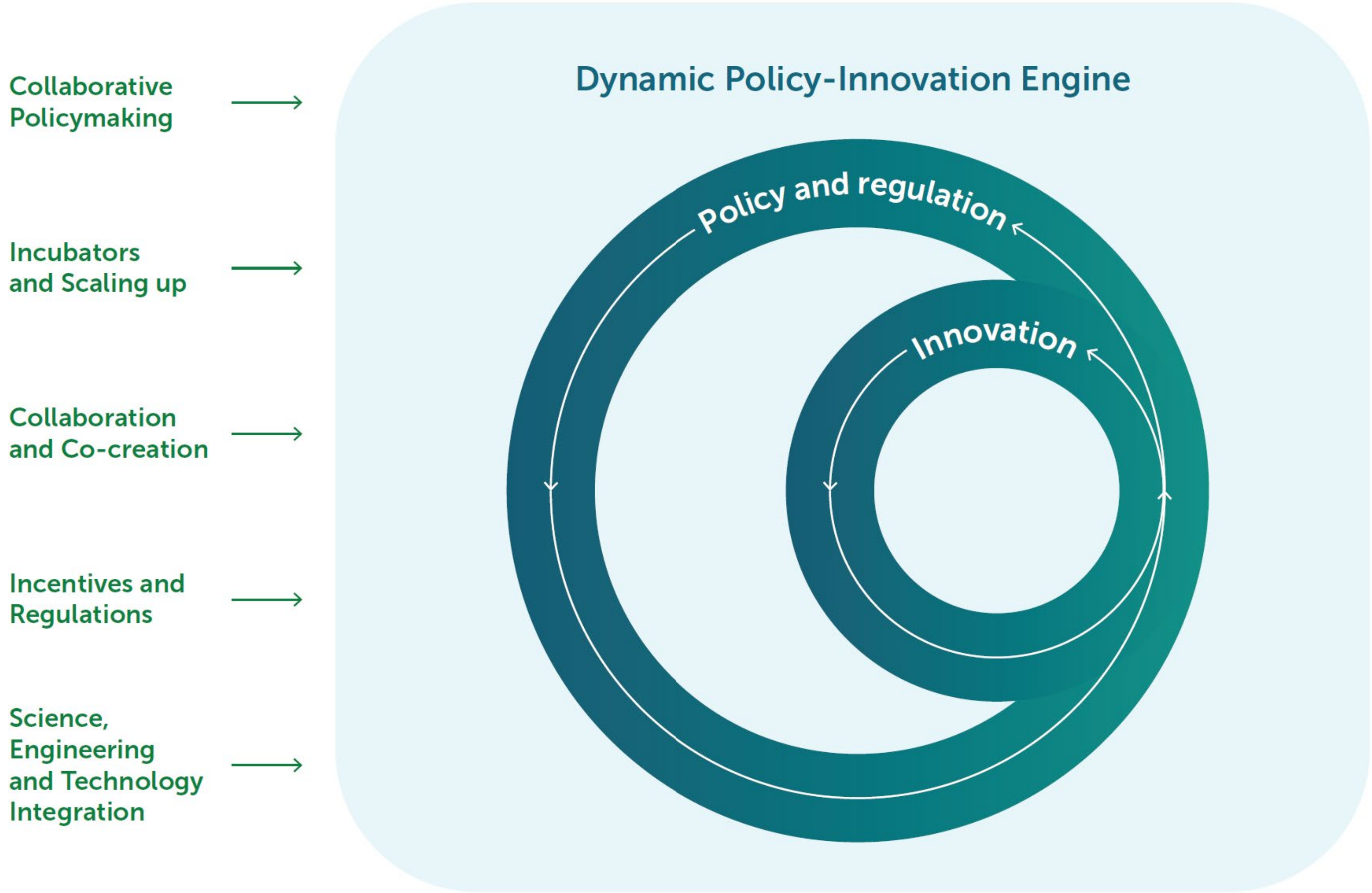
Integration

- Multi-disciplinary collaboration
- Stakeholder diversity horizontal and vertical
- Transboundary policy coherence

Resilience

- Adaptive capacity
- Infrastructure robustness
- Risk management

Dynamic Policy-Innovation Engine



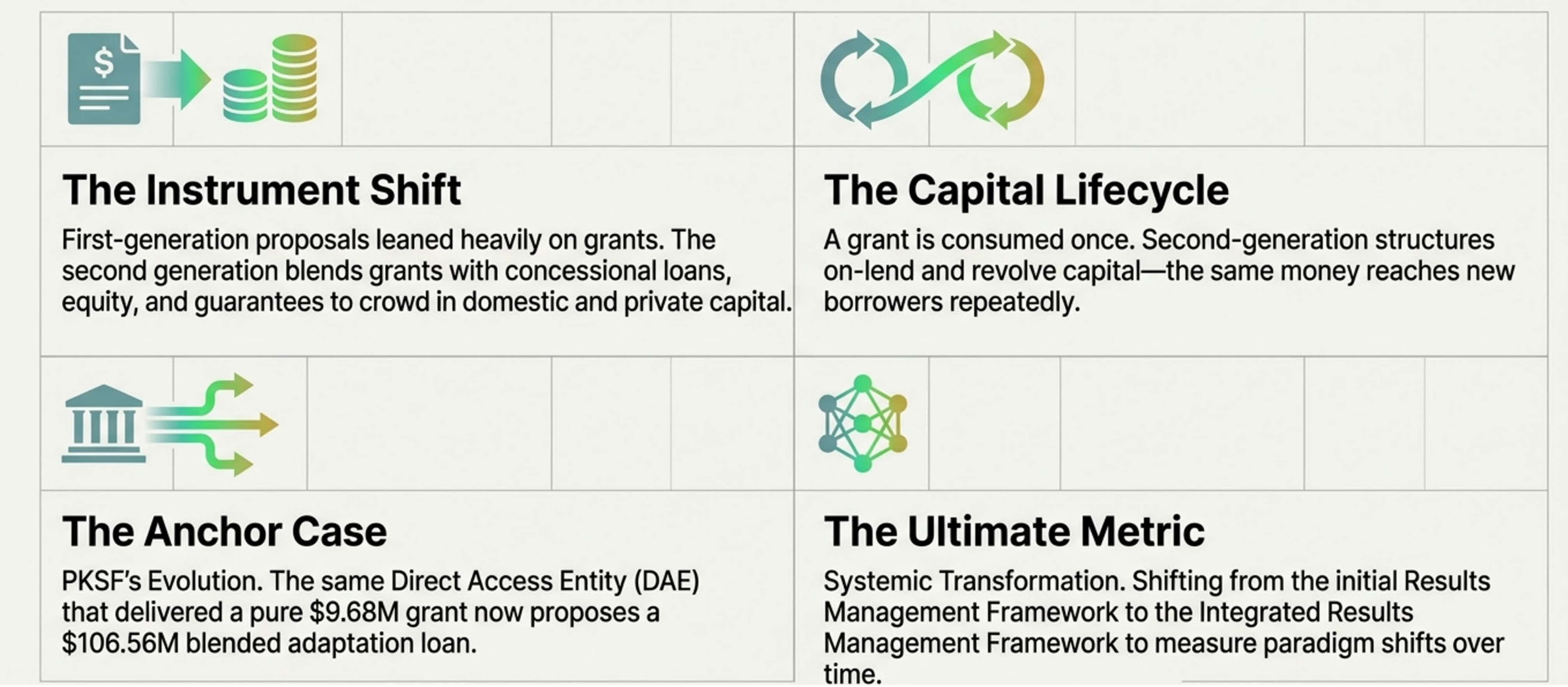
Systemic Transformation: from grant to blended loan

Palli Karma-Sahayak Foundation — a national, public-sector Direct Access Entity (accredited 2017) working through 289 Partner Organisations and 20,000+ branches.

SAP008	SAP026	FP206	CRLF
ECCCP-Flood	ECCCP-Drought	RHL — coastal	Livestock farming
USD 9.68M	USD 30M	USD 50M	USD 106.56M
Grant	Grant	Grant	Grant + loan
Approved B.24 (2019) · Completed	Approved B.36 (2023) · Implementing	Approved B.36 (2023) · Implementing	Pipeline · targeting B.46 (2026)

Grant → larger grants → first blended concessional loan

Transforming Entire System



FP270 Climate Adaptive Irrigation and Sustainable Agriculture for Resilience (CAISAR) in Cambodia

Modernization of 6 irrigation schemes for productivity and profits

Upgrading 90 kilometers of farm roads across 35 villages

Transforming 32,056-hectare lands for climate resilience

Cambodia	
AE	International Fund for Agriculture Development (IFAD)
EEs	NCDD, MoWRAM, MoF
Objective	To strengthen the resilience of Cambodia's agriculture sector and rural communities to climate change by improving climate-smart agricultural practices and enhancing the sustainability of rural road infrastructure. Specifically, the project seeks to: (i) support smallholder farmers in adopting adaptive and resilient agricultural techniques; (ii) upgrade and maintain rural roads to ensure year-round access to markets and essential services; and (iii) reduce the vulnerability of rural livelihoods and food systems to climate-related shocks through integrated interventions in both agriculture and rural transport.
Impact	562,757 direct beneficiaries, 1,151,618 indirect beneficiaries Reduction of 1,006,507.43 tCO2-eq over 20 years
Alignment with the USP-2 targets	**T3**: CIEWS, **T4**: Food, **T5**: Ecosystems, **T6**: Infrastructure, **T10**: Local private sector and MSME innovation
ESS Category	A
Total financing	USD 240,000,000
GCF Contribution	**USD 80,000,000** (USD 40 M grants and USD 40 M senior loans)
Co-financing	USD 160,000,000 grants and senior loans by IFAD, senior loans by AIIB, and in-kind contribution
Implementation period	7 years

FP283

Glaciers to Farms (G2F) Regional Program: Advancing Climate Resilience & Sustainable Development in Central and West Asia

Host nations pledged at COP29 for Glacier Year action

3M hectares farmland transformed

Accredited Entity	**Asian Development Bank (ADB)**
Executing Entity	• **ADB** • **Governments of the host countries**
Impact	**Adaptation**: 13,613,365 direct and 31,486,090 indirect beneficiaries
USP-2 targets	**T1:** National Plan, **T3:** CIEWS, **T4:** Food, **T5:** Ecosystems, **T6:** Infrastructure, **T7:** Clean Energy, **T8:** Transport, Energy, Buildings, **T9:** Adaptation
ESS Category	A
Financing	**GCF financing: USD 250,000,000** • USD 41,800,000 (GCF Reimbursable Funds) • USD 208,200,000 (GCF Non-Reimbursable Funds)
	Co-financing: USD 3,250,000,000 • ADB: Up to USD 170,490,000 (grants) • ADB: At least USD 3,079,510,000 (loans)
	Total financing: USD 3,500,000,000
Notes	FP developed with PPF grant support

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