



GREEN
CLIMATE
FUND

| GCF.10 |

| 10 YEARS OF CLIMATE IMPACT |

GCF REGIONAL DIALOGUE

with EAST AND SOUTH ASIA

Colombo, Sri Lanka
14–17 September 2026

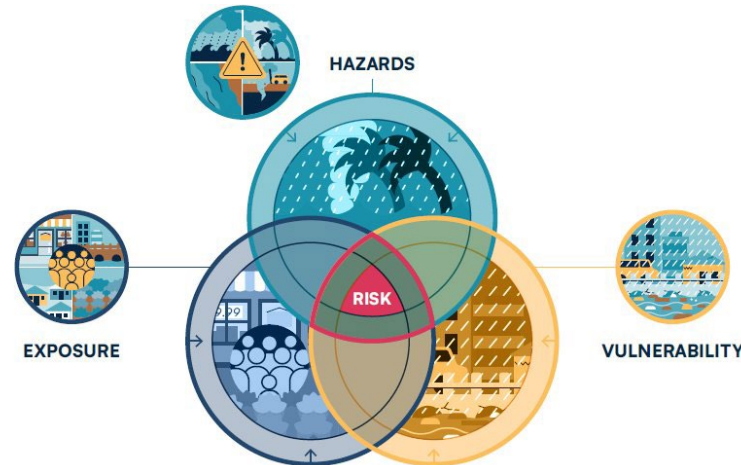
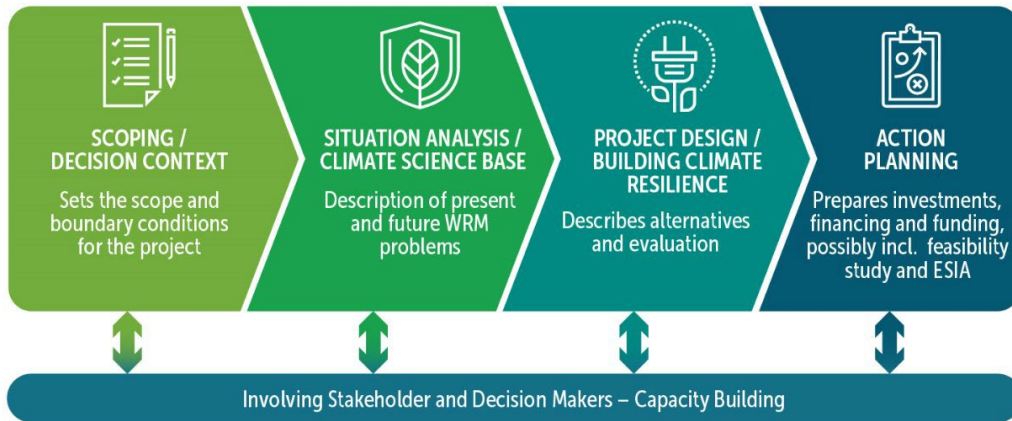
3-4a: Water at the Core of Climate Action Financing the Nexus and Scaling Global Water Security by 2030

Bapon Fakhruddin, PhD
Climate Investment Principal

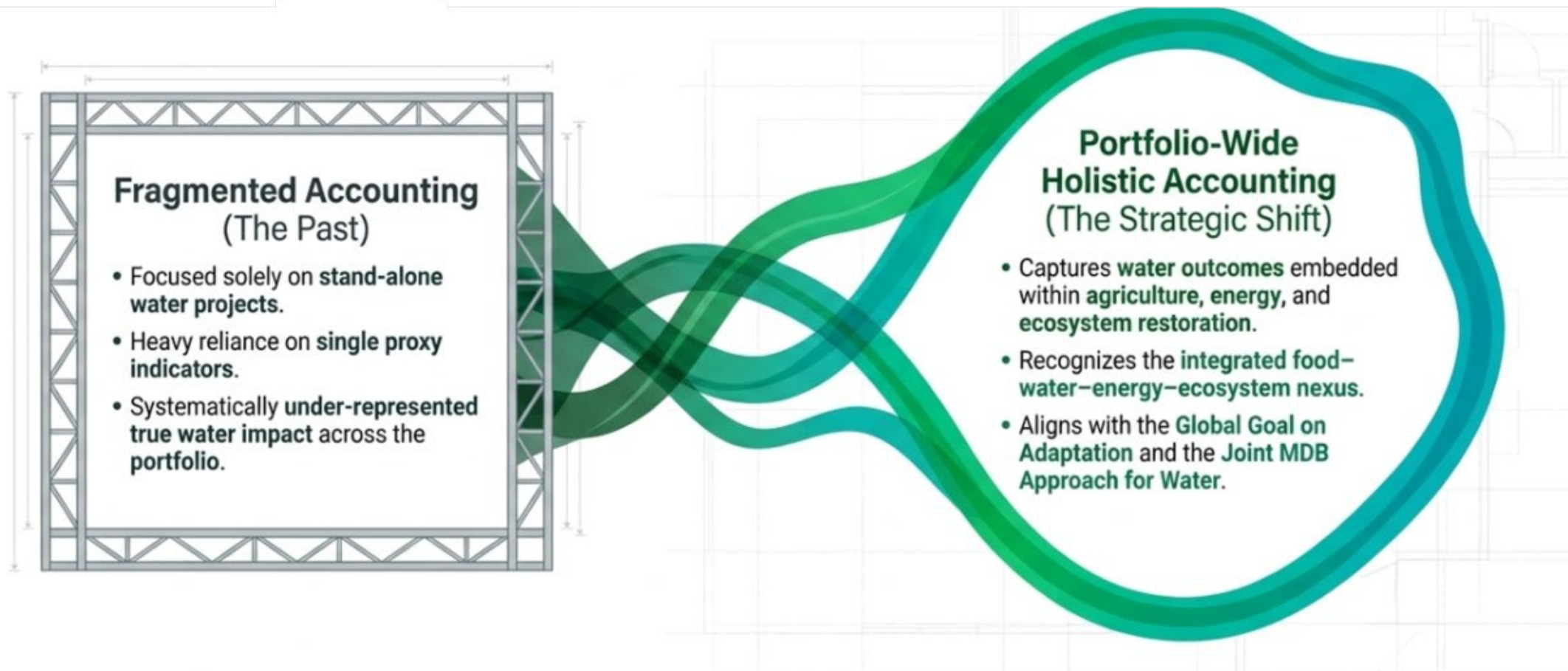
Colombo, Sri Lanka
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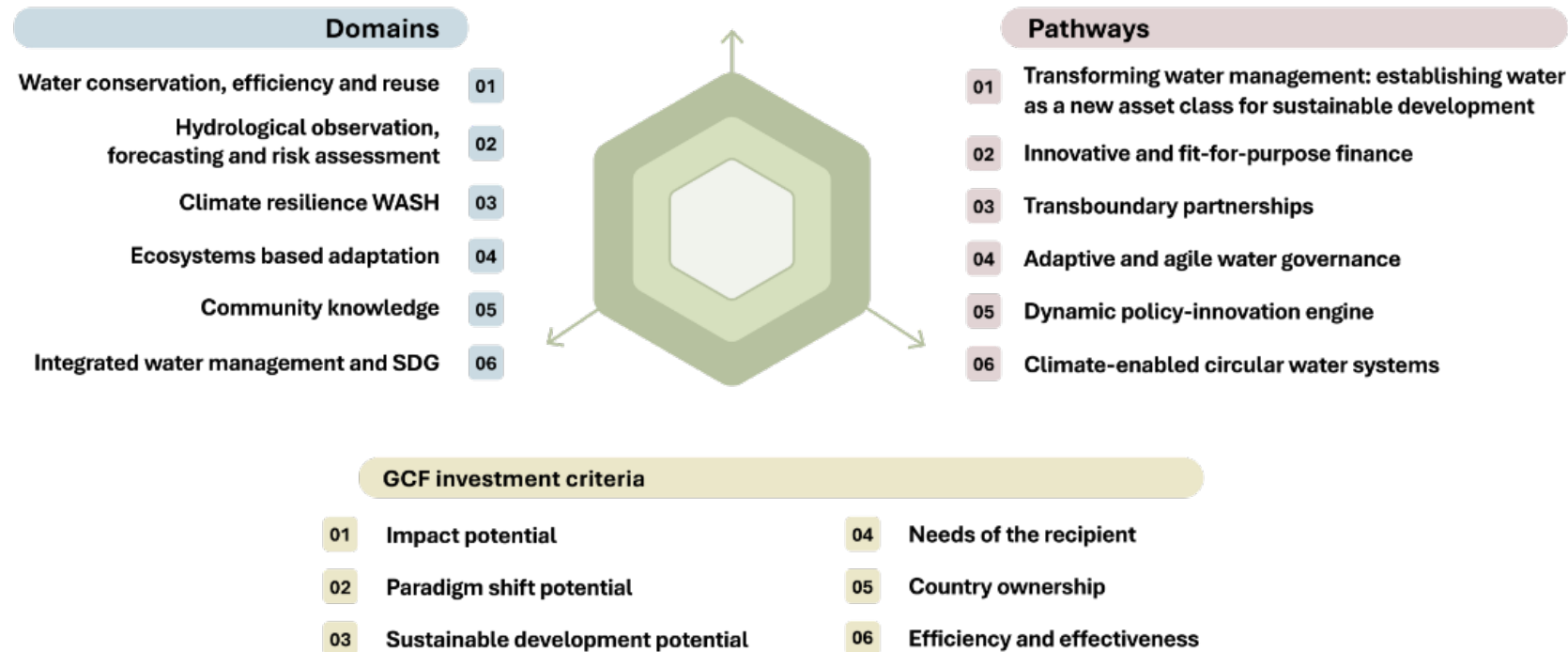
Key Principles – Structured approach for project design



Water Security – Nexus Approach



6x6x6 Matrix on Water Security



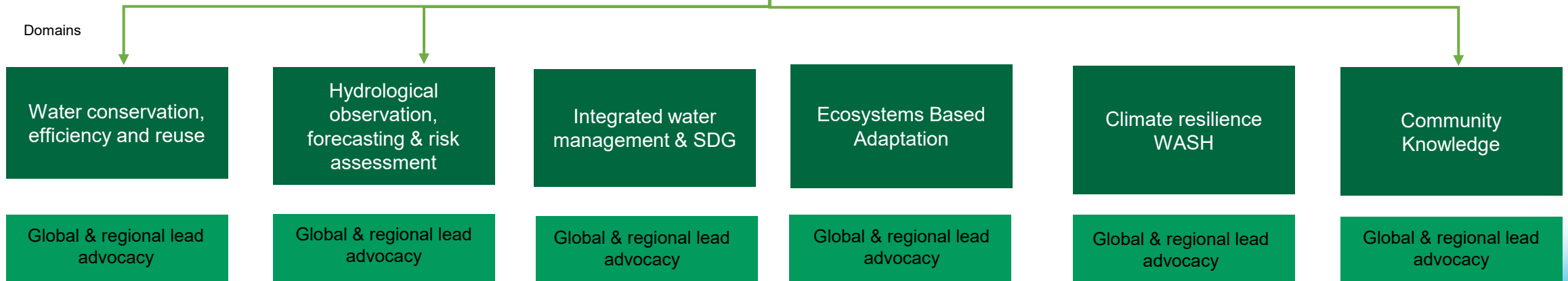
Water Security for Climate Resilience

Blending grants with innovative financial instruments like water bonds, cat bonds, guarantors, investment, insurance, debt for climate swaps

WSCR-CoP

Flexible and delegated need-based projects for countries using nexus and integrated approach

Domains



GCF-accredited AEs/DAEs

Enabling environment, policies, frameworks

Transformational planning and programming

Innovative approaches/asset transition

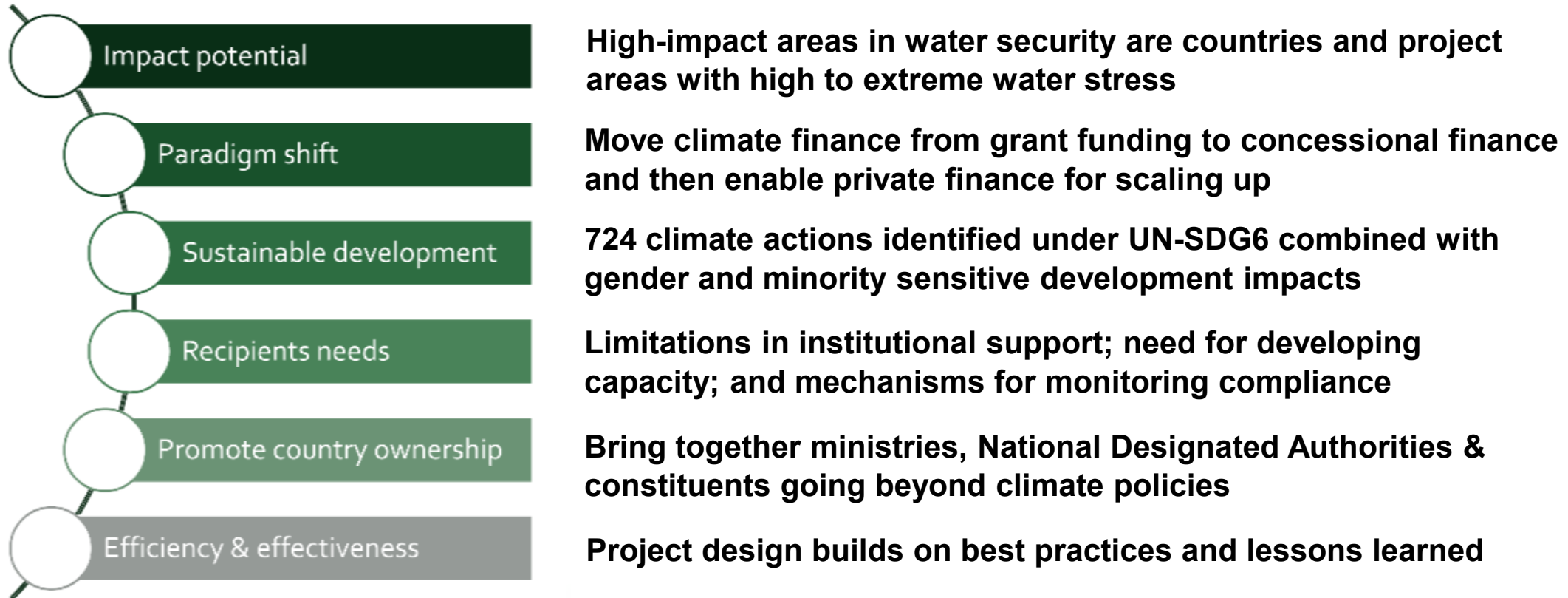
Mobilization of finance/Investments

Coordination, learning and knowledge

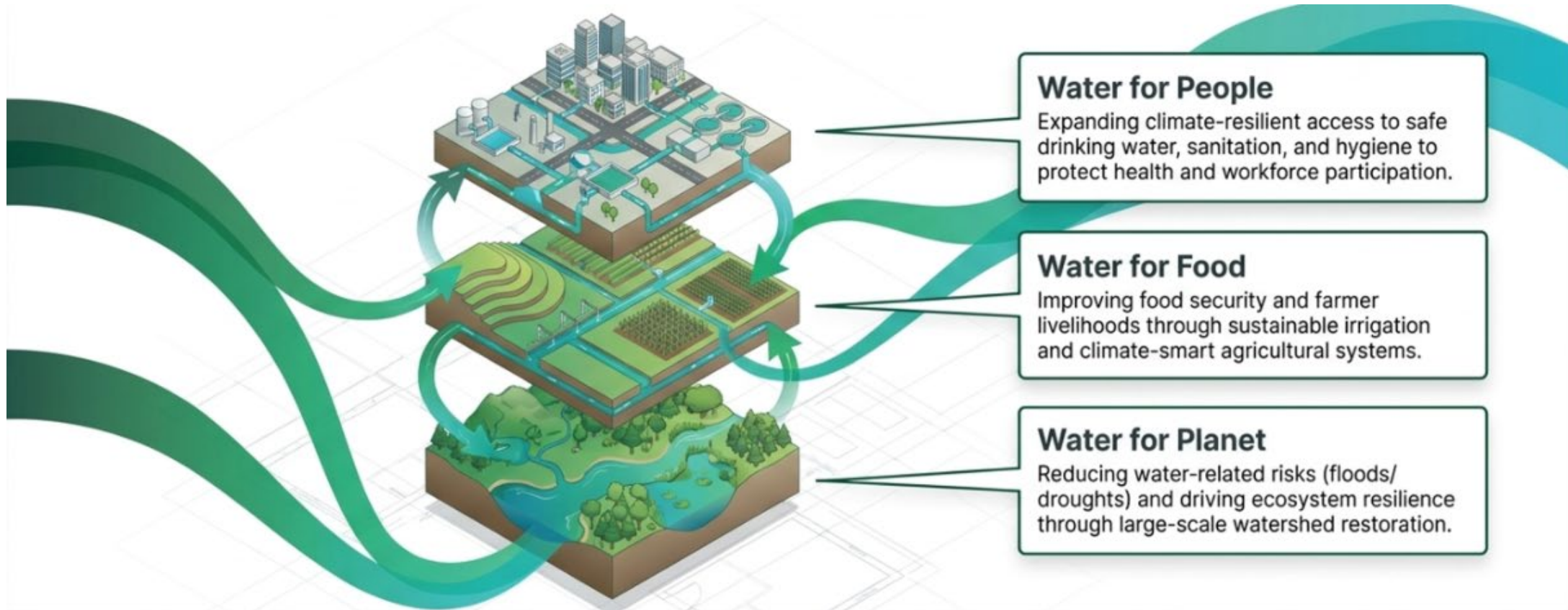
Pathways



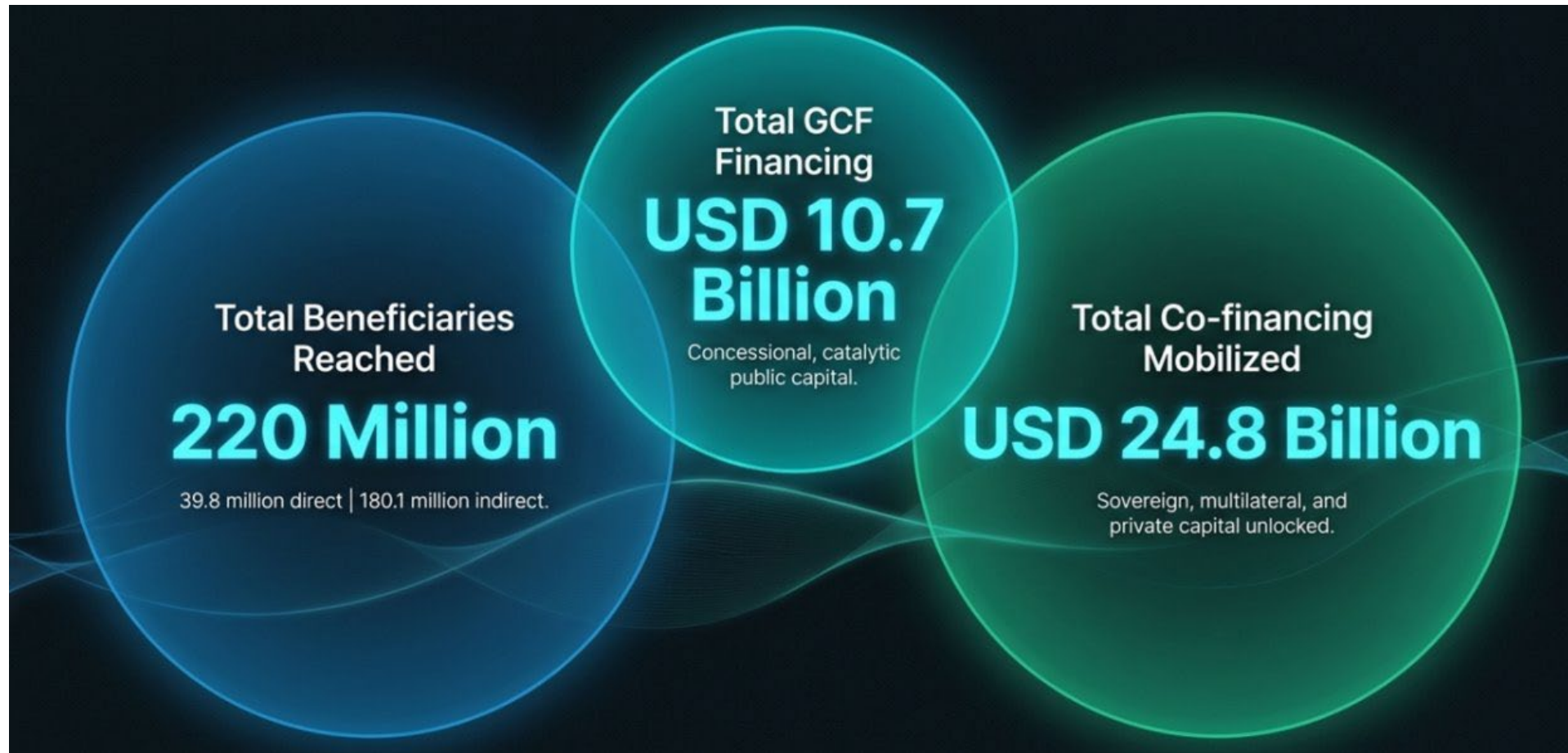
GCF Investment criteria for Water Security Sector



MDBs Joint Initiatives on Water Forward

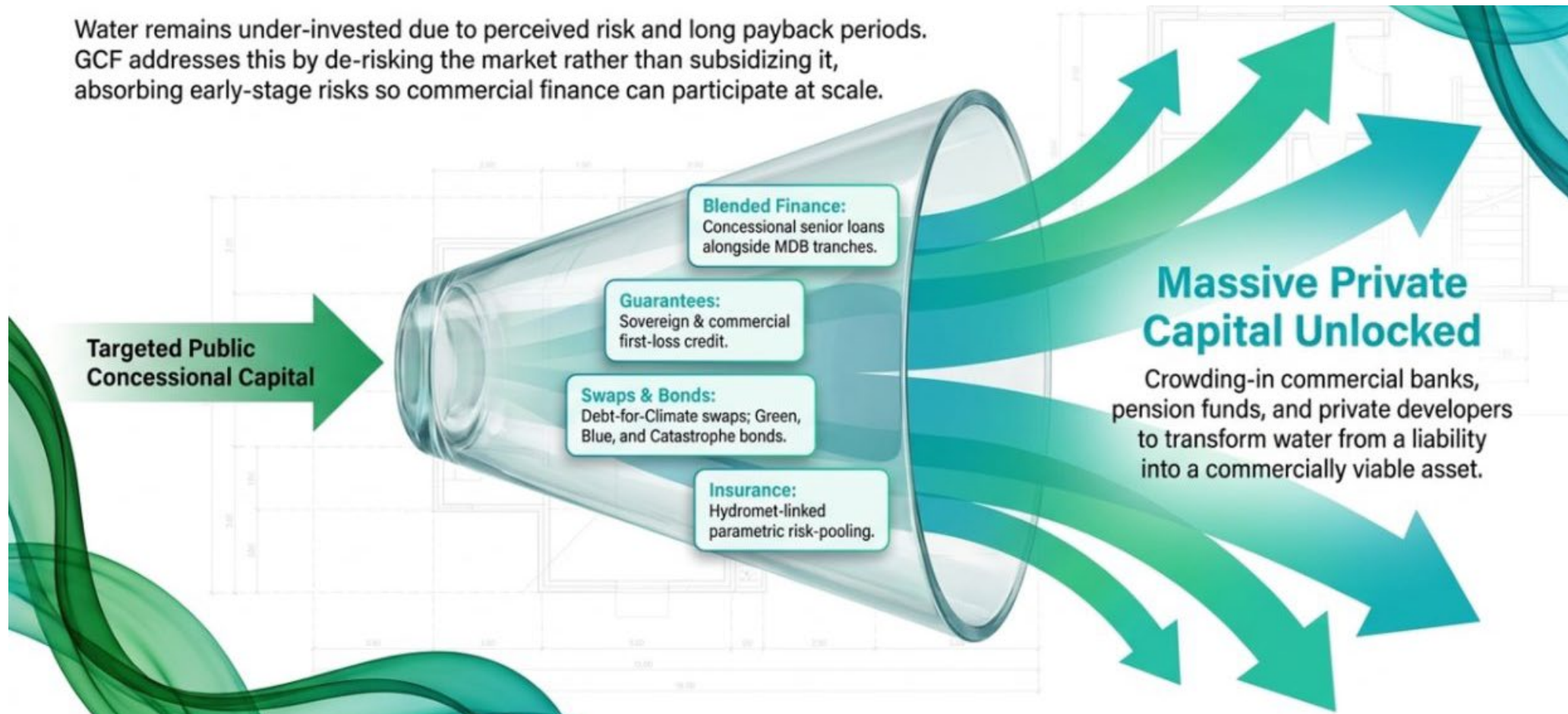


The Resulting Impact - based on water forward

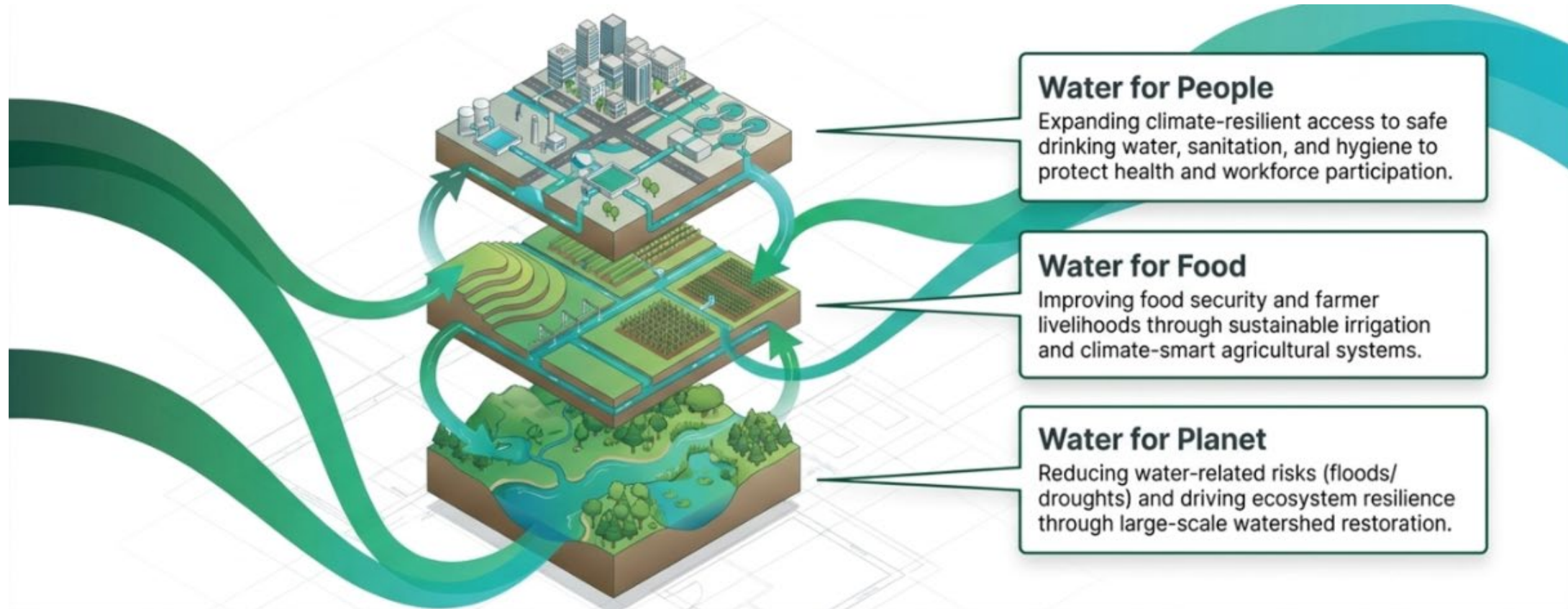


The De-Risking Architecture Unlocks Private Scale

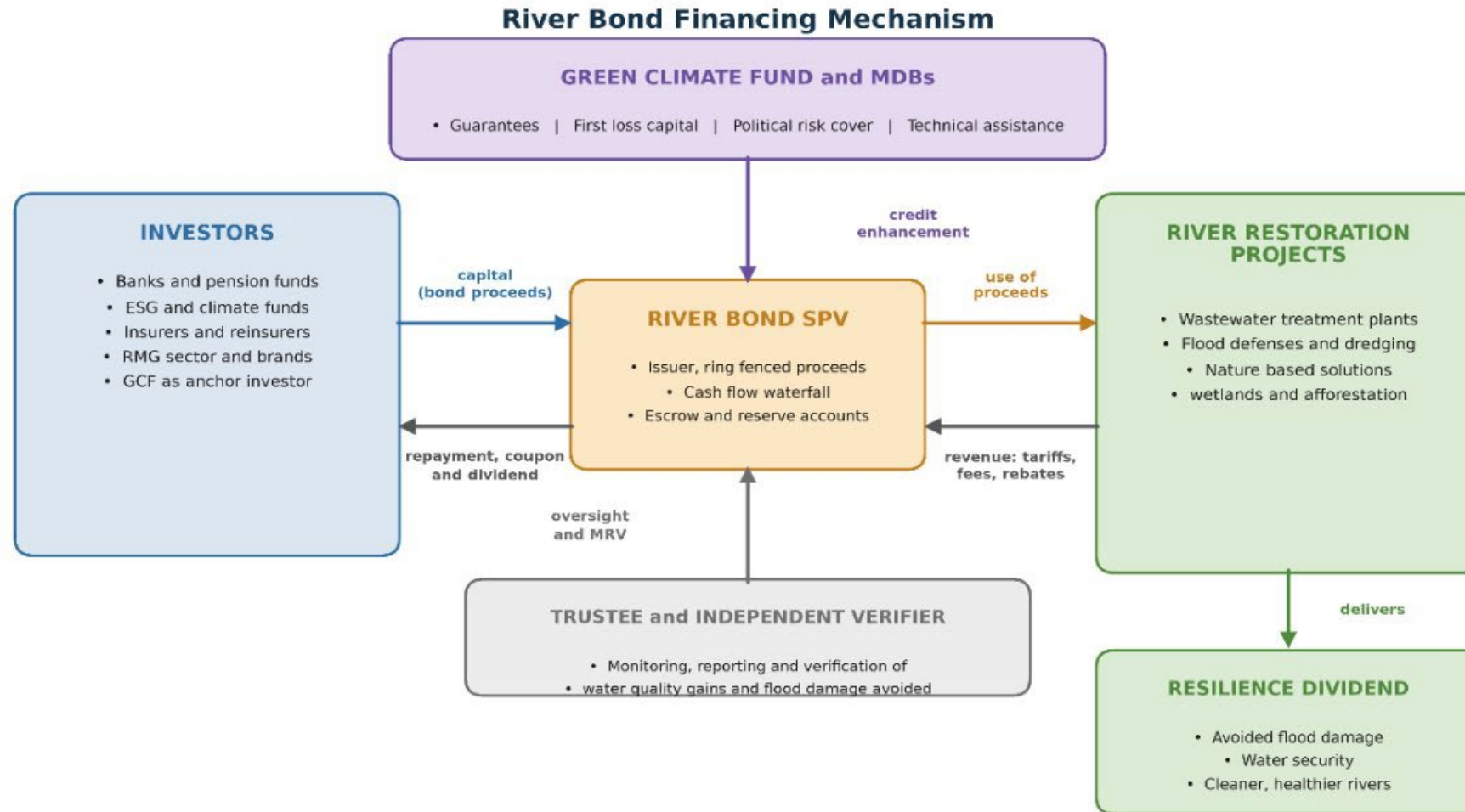
Water remains under-invested due to perceived risk and long payback periods. GCF addresses this by de-risking the market rather than subsidizing it, absorbing early-stage risks so commercial finance can participate at scale.



MDBs Joint Initiatives on Water Forward



River Bonds



Water Sector Project Preparation Guidelines



GCF Water Project Design Guidelines Part 1

Explore the Green Climate Fund's comprehensive guidelines for designing water-climate resilient projects.

<https://www.greenclimate.fund/document/gcf-water-project-design-guidelines-part-1>

GCF Water Project Design Guidelines Part 2

Explore practical applications of climate-resilient water project design in Integrated Water Resource Management (IWRM), Climate Resilient WASH (CR-WASH), Drought Management, and Flood Management.

<https://www.greenclimate.fund/document/gcf-water-project-design-guidelines-part-2>

GCF Water Project Design Guidelines Part 3

Explore the Green Climate Fund's comprehensive guide to developing climate-resilient sanitation projects.

<https://www.greenclimate.fund/document/gcf-water-project-design-guidelines-part-3>



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Thank you

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