

Investment Frameworks for IWQM

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Water Quality has Specific Needs

This influences the way it can be financed



In many ways this is more similar to climate resilience strategies than water reconciliation



Investment Frameworks

Financing Catchment Interventions

Integrated
Water Quality
Management
Policy &
Strategy

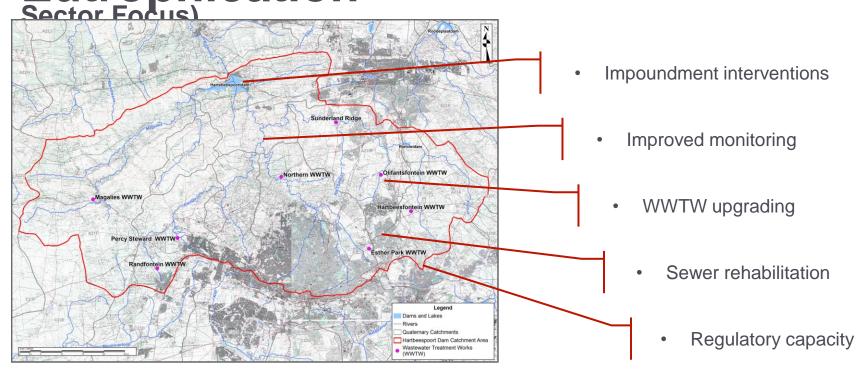
Catchment
Management
Strategy &
Water Quality
Management
Plan

Catchment Investment Framework Sources of Finance & Funding



Hartebeespoort Dam

Extended in the Specific IWQM Plan – Public



Upper Olifants

Accidition/Salesestion Plan - Private

Sector Focus) Impoundment operations Improved monitoring Mine-water treatment (RO) Regional treatment Regulatory capacity



Financing Interventions

Understanding Source of Finance and Funding

WATER MANAGEMENT FINANCES Financing Gap Investment Costs (rehabilitation and new) **Transfers** Taxes Maintenance costs Tariffs Operating costs

Taxes

Fiscus / Rates / WDCS levy

Tariffs

WDCS charge / Trade effluent

Transfers

- GCF / GEF / Donors ??
- Private sector stewardship

Sources of Finance

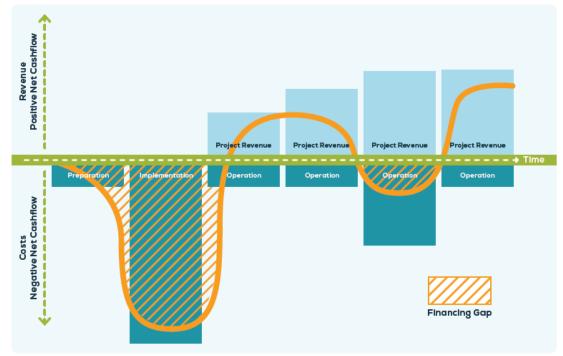
- DFI / Commercial
- Impact investors / Green

bonds

Private sector PEGASYS

Understanding the Financing Gap

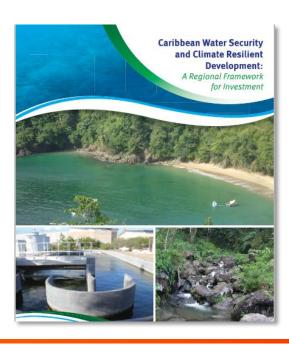
Availability of Finance over Time





Investment Frameworks Matching Sources of Finance to Water Management





Programmatic Approach

- Outcomes based
- Suites of Interventions
- Mixed finance sources
- Phased implementation

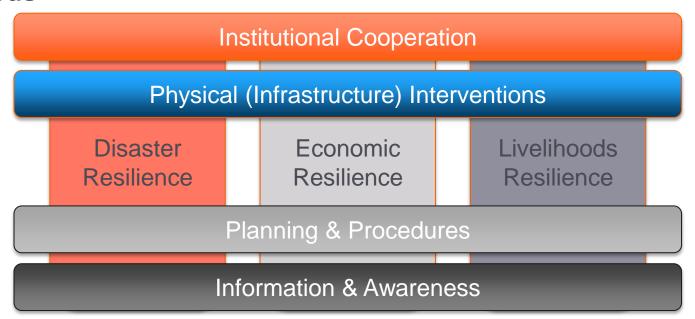
Resilience / Climate lens

- · Additional sources of finance
- Cross-cutting interventions
- Short & long term perspective
- Embrace variability



Investment Framework (Lower

Diffrepopos Interventions have Different Financing Needs





Project Development Lifecycle

Taking projects to Finance PROJECT DEVELOPMENT LIFECYCLE **Enabling Environment** Capacity Building, Consensus Building, Legislation, Early-Stage: Regulation & Institutional Reform. Concept Development **Project Definition** Definition of service/ identification of desired outcomes, prioritisation and examination of various alternatives, pre-feasibility studies. **Project Feasibility** Detailed engineering, environmental, social and economic appraisals. Mid-Stage: Feasibility & Structuring **Project Structuring** Detailed financial and legal structuring. Marketing Promotion of the Project and Assessment of interest. Late-Stage: Promotion & Transacting Transacting Procuring & Negotiating Project Documentation and finance.



Programmatic Approach

(WACDER) ing Project Development into an Investment

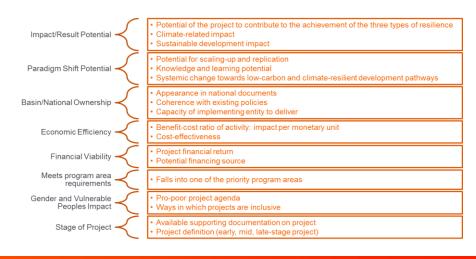


Developing an Investment Framework Consider Finance

Understanding the Investment Climate Consider Finance early in the Process

- Gathering High-Level Sectoral Project List
- Developing Program Areas
- Developing Evaluation Criteria
- Scoring Projects—Project Data Sheets
- Final Ranking of Projects
- Building an Investment Plan

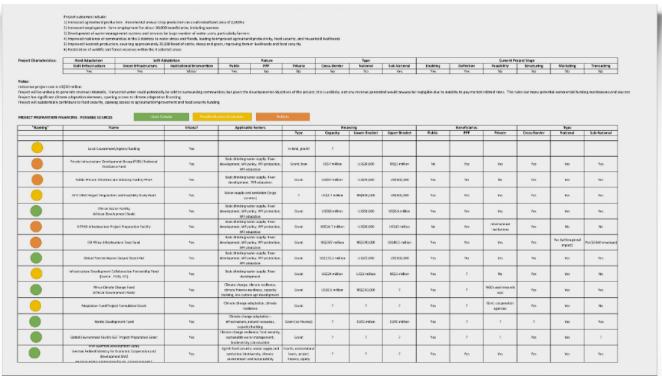
Prioritisation Criteria





Assessing Relevance of Financing

Calibada



For

- Country
- Catchment
- Sector
- Interventio n



Returning to Water Quality

what gost mentan for our two catchments and others?

Crocodile River

- Public finance Treasury
- Municipal budget allocations
- Waste discharge charges
- Green / climate grant finance
- Green / Impact related loan finance
- Waste discharge levies (taxes)

Olifants River

- Private finance (mine & commercial)
- Waste discharge charges
- Water supply tariffs
- Stewardship contributions
- Public finance targeted
- Waste discharge levies (taxes)

Systemic opportunities (WDCS Approach provides the Platform for Coherent Intervention)

- Need a coherent investment framework that takes a phased approach to rehabilitation
- Need mechanisms to ensure funding that enables sustainability of interventions
- Match a range of finance sources to the required interventions over time EGAS

Thank you

