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Policies Into Investment Design

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Policy design and investment prioritization should be informed by a robust assessment

- Progress on drought planning and policy – to shift the paradigm.
- Still no strategic and **systematic** approach to transform into investments.
- Drought Risk and Resilience Assessment (DRRA) aims to do this.
- Brings together many other frameworks.



Drought Risk and Resilience Assessment Methodology

Transforming the World Bank's approach to managing droughts

World Bank

9/27/23

DRRA Methodology

The DRRRA aims to facilitate collaborative programming for drought resilience



Objective: Compilation of available methodologies, tools, and case studies with the necessary information to select most appropriate options.



Application: Structured approach to assessing drought risk, resilience, and investment priorities.







Target audience: Government and development partners, sector specialists.

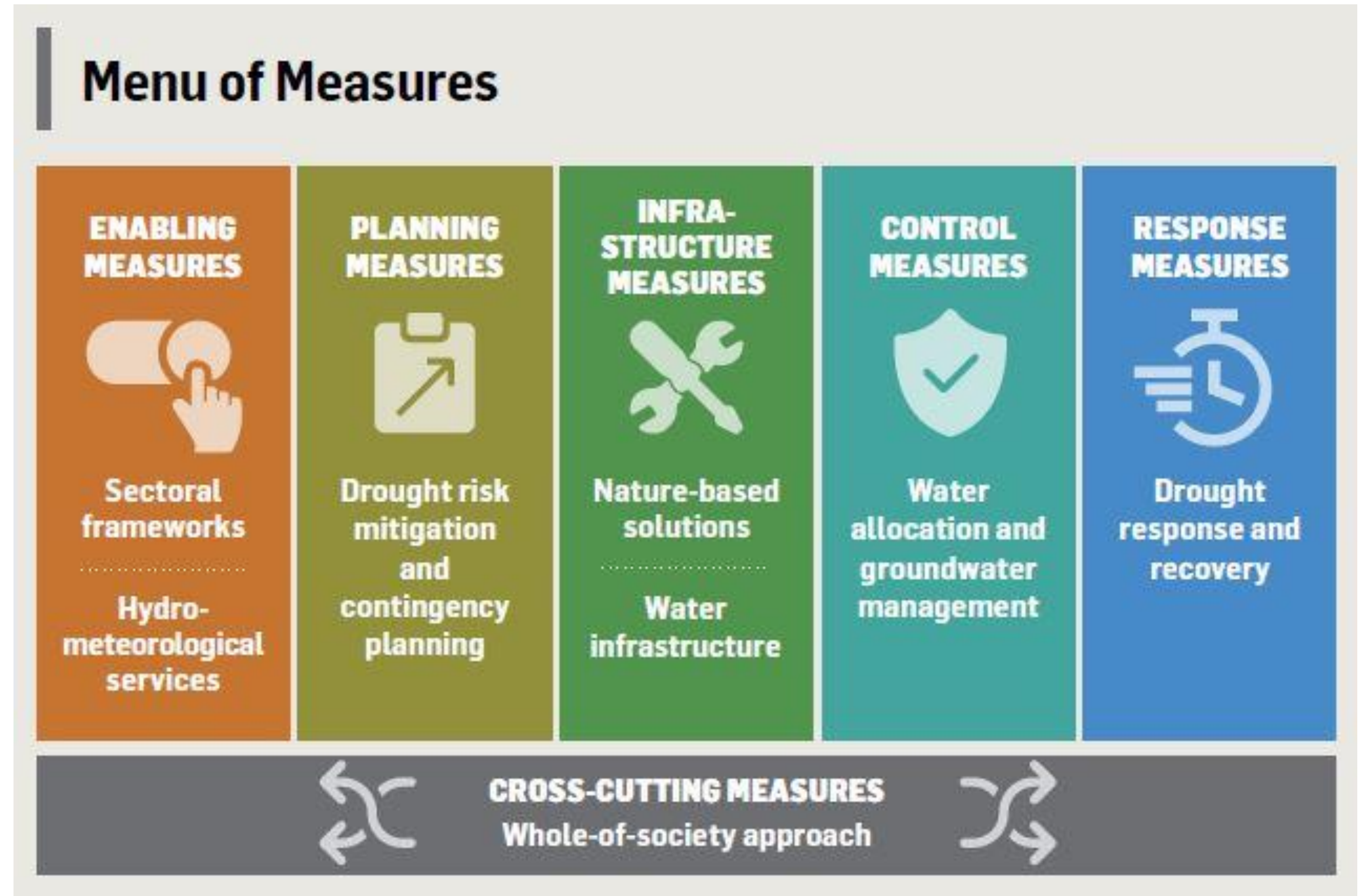


Sectors included: Water, agriculture, climate change, environment, disaster risk management, energy, and many others.

DRRA building blocks

BLOCK I	SCOPE COORDINATION AND CAPACITY
	<ul style="list-style-type: none">Scope coordination within the implementing institutionScope coordination between government, donors, development partners, and other stakeholdersScope coordination across government
BLOCK II	ASSESS DROUGHT RISK
	<ul style="list-style-type: none">Assess current and recent drought hazardsAssess main trends of future drought hazardsAssess current and recent drought impactsAssess country/region vulnerability to drought
BLOCK III	EVALUATE CURRENT RESILIENCE
	<ul style="list-style-type: none">Evaluate current drought responseEvaluate current drought preparedness
BLOCK IV	PRIORITIZE AREAS FOR ACTION
	<ul style="list-style-type: none">Prioritize measures to reduce drought risks and increase drought resilience

Identifies gaps, challenges, and opportunities for designing policies and investments



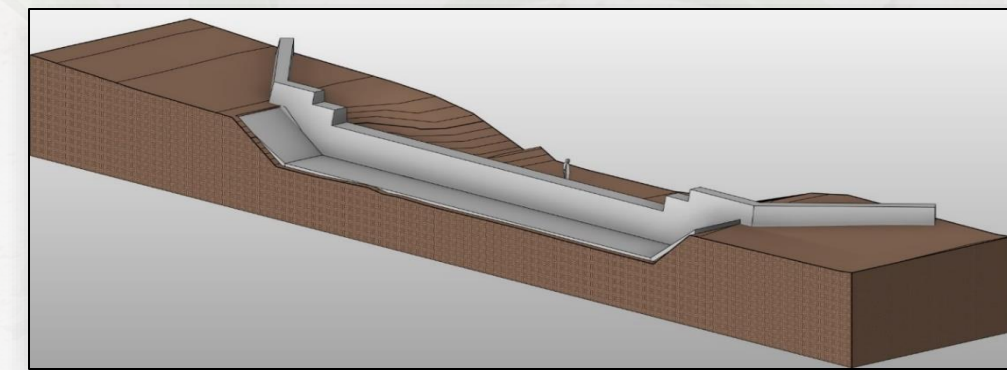
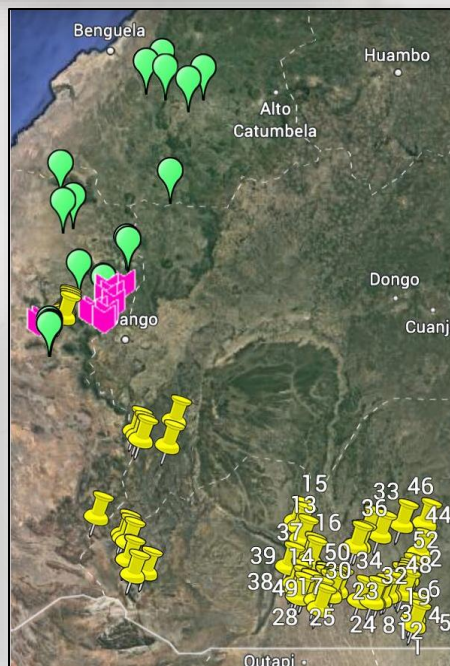
Example 1: Angola

Climate Resilience and Water Security – RECLIMA Project

Project period: 2022-2028

US\$450M

- Design guided by a DRRA.
- Evidence-based sand dam site selection, objective criteria-driven.
- Development of GIS evaluation tool, with drought risk assessment incorporated into the criteria.
- Sand dams to be sited, designed, and built → cost-effective NbS of water conservation in remote areas of dryland environments.
- Improvement of the capacity of the governments (all scales) to plan and implement small-scale water interventions.

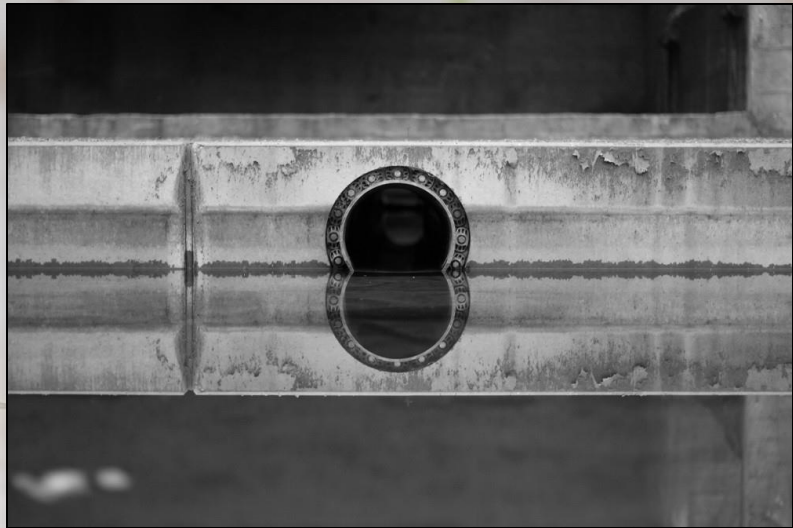


Example 2: Türkiye

Water Circularity and Efficiency Improvement Project

Project period: 2022-2028

US\$490M



- Upgrade of wastewater collection and treatment, and reclamation of wastewater for resource recovery and reuse through municipal sub-pilots.
- Increase irrigation services and efficiency.
- Mechanisms for fair allocation of water resources and water savings.
- Reducing unsustainable abstraction of groundwater → more volume available during droughts.
- Emphasis on water resource and water use monitoring.

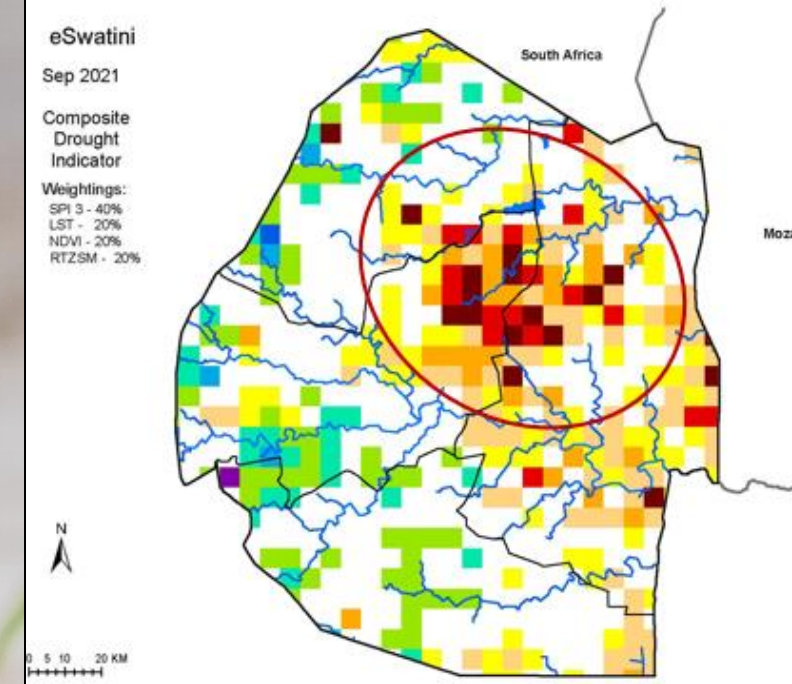
Example 3: Eswatini

Water Supply and Sanitation Access Project

Project period: 2020-2025

US\$45M

- Water network infrastructure investments - flexible during droughts.
- WASH Master Plan – Long-term investments under a changing climate.
- Revision and drafting of policies, legislation, and regulations for water + national drought policy and legislation.
- Drought monitoring and early warning system (citizen science and local knowledge) and impact reporting mechanisms/protocols.
- Drought and other hazard/risk profiles and database.
- Drought preparedness and contingency plans for all cities and towns.
- Disaster/drought risk financing strategy.
- Links with national preparedness plan, supported by UNCCD.
- Coalescing towards Drought Center of Excellence for the region.





Thank you!