A photograph of a stream flowing over mossy rocks. The water is clear and white with foam as it cascades over the rocks. The rocks are dark and covered in green moss. The background is dark, making the water and rocks stand out.

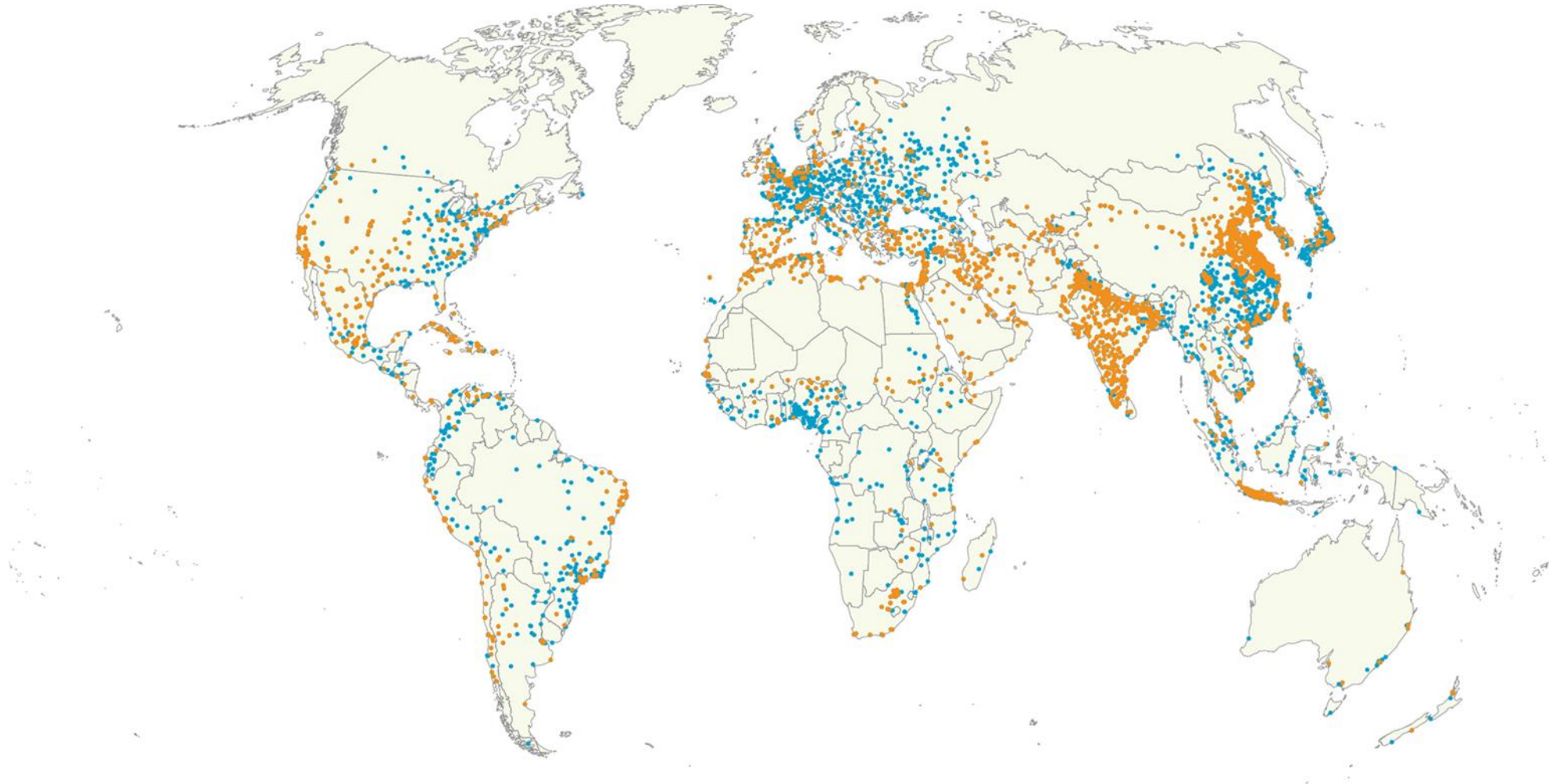
If petroleum is black gold and refined sugar is white gold, could crystal-clear fresh water be gold's newest look?



WATER FUNDS: INVESTING IN A WATER SECURE FUTURE

Louise Stafford, Director Water Funds, TNC, South Africa
DEDAT Green Economy Reference Group, 5 March 2020

Source Water – Scale of the Challenge



Ecological Restoration - More important than ever



Global demand for freshwater has grown fourfold in 60 years

2030

South Africa's water demand predicted to exceed supply

When faced with water security challenges....
What are our options?





LET'S BEAT DAVID
WITH 50ℓ OR LESS PER DAY



Ecological infrastructure restoration as part of the solution

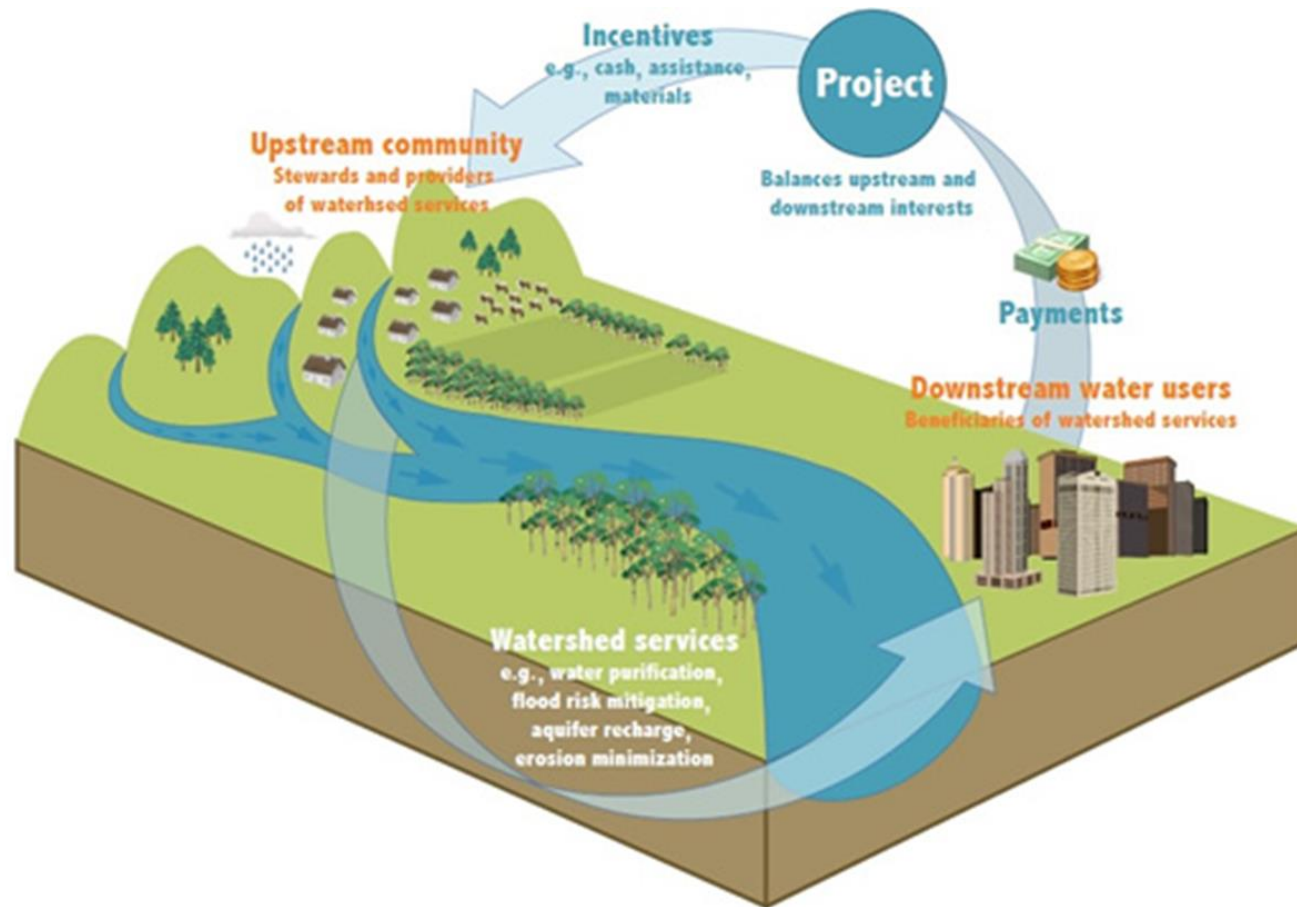
This is a guide for 50ℓ per person per day. Your actual usage will depend on your appliances and personal preferences.

Healthy catchments: Improve resilience



@ Kristen Blann, TNC

Water Funds: Investing in Ecological Infrastructure

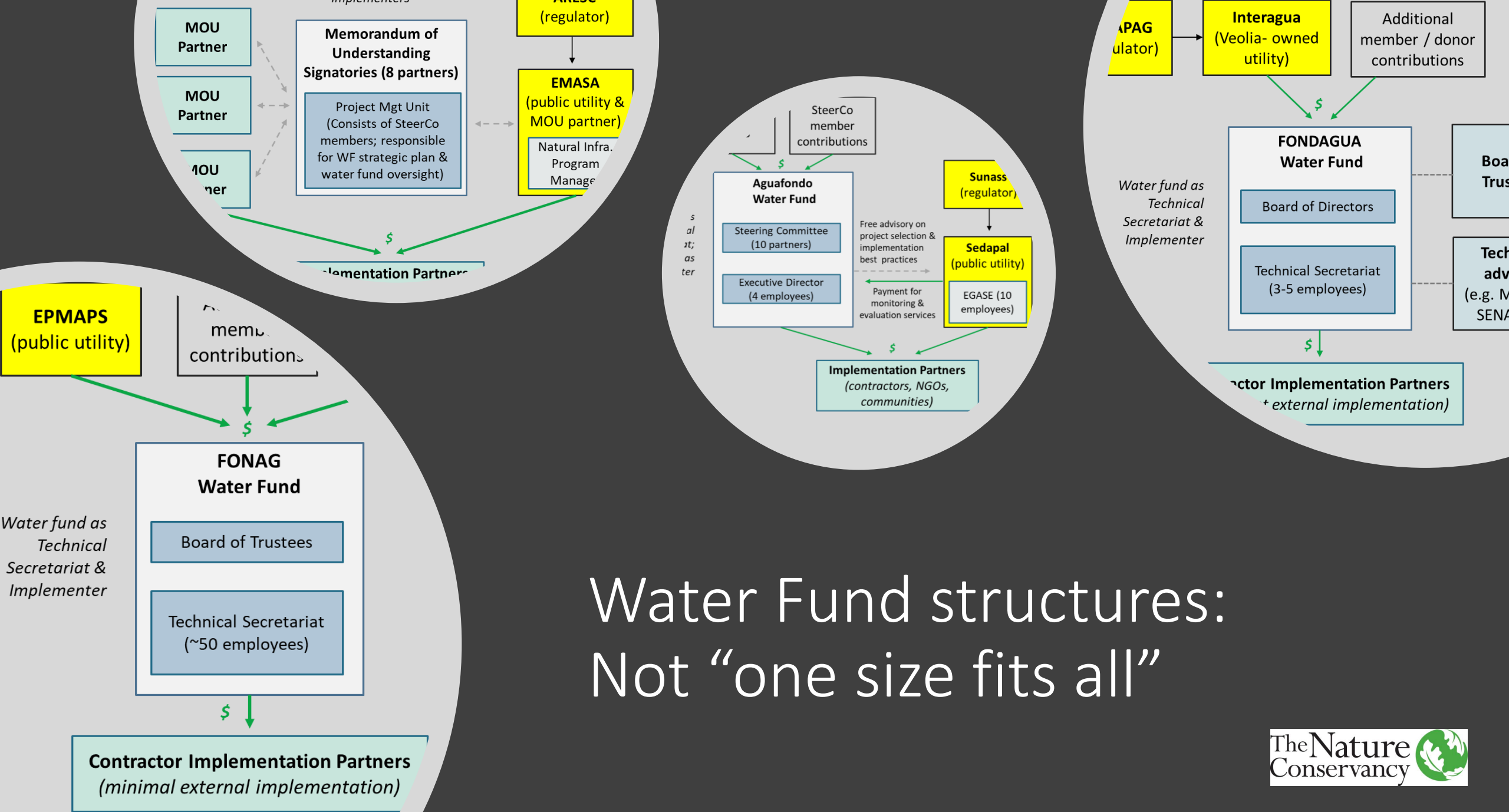


Water Funds do not...

- Replace government's mandate
- Compete
- Duplicate

Water Funds project cycle

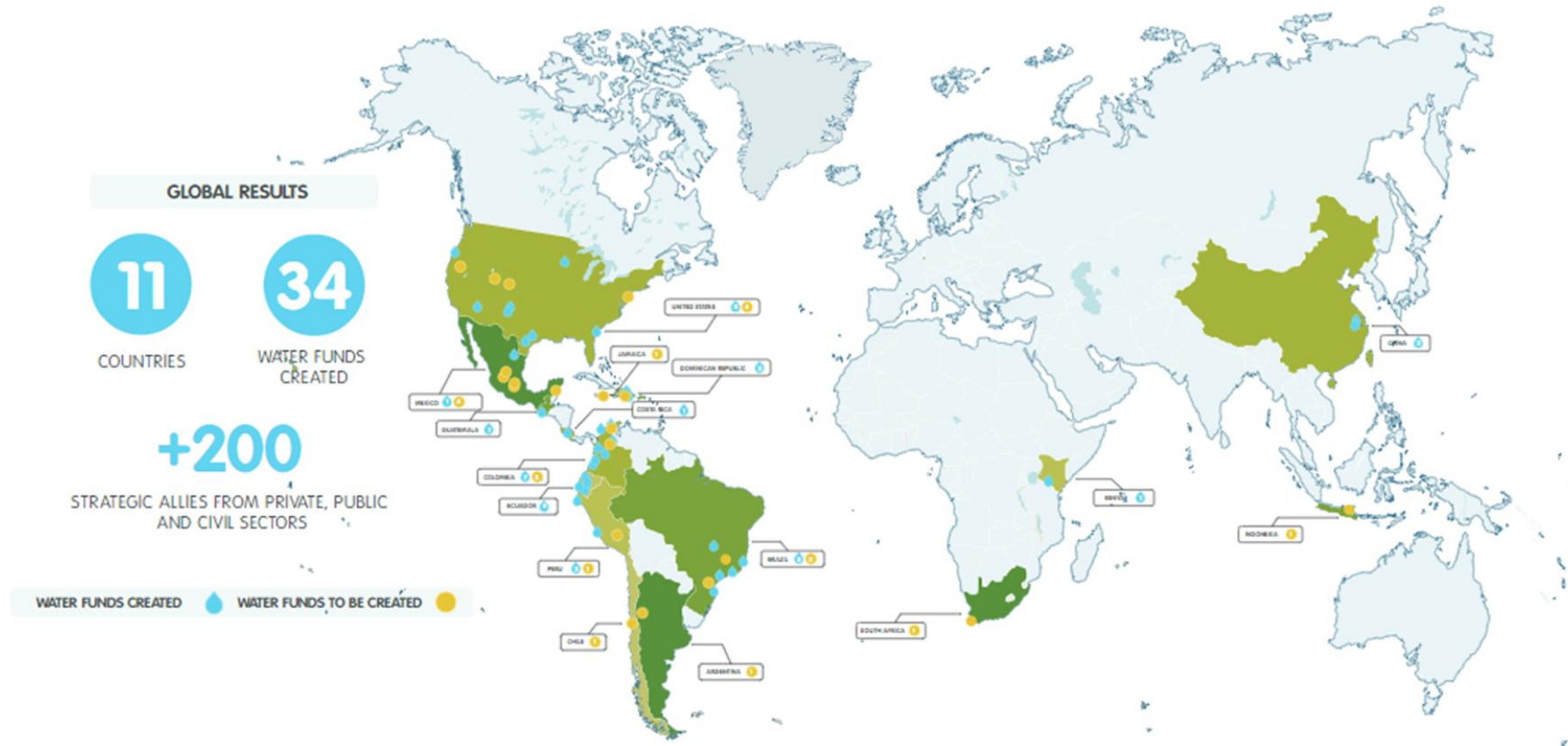




The image features three small green plants of varying heights, each growing out of a stack of gold coins. The plants are positioned on a bed of dark, rich soil. The background is a soft, blurred gradient of green and yellow, suggesting a natural, outdoor setting. The overall composition is clean and minimalist, emphasizing the connection between money and nature.

Financial sustainability = Key

More than 34 Water Funds operational



First Water Fund - Quito : 20 years later



Africa: Enabling conditions

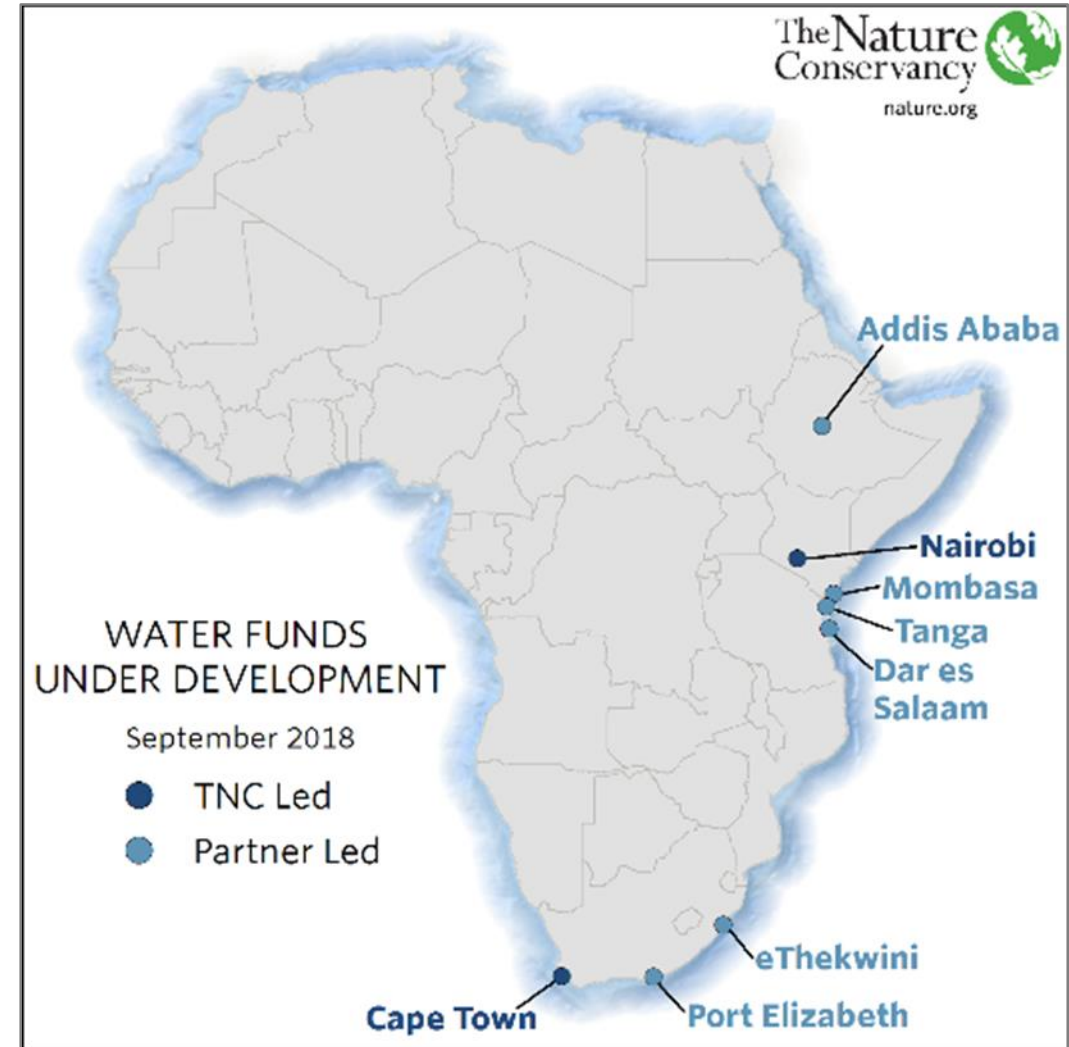


PROTECT SOURCE WATERS
AFRICA BUSINESS PLAN: 2019–2025



Water Funds in South Africa

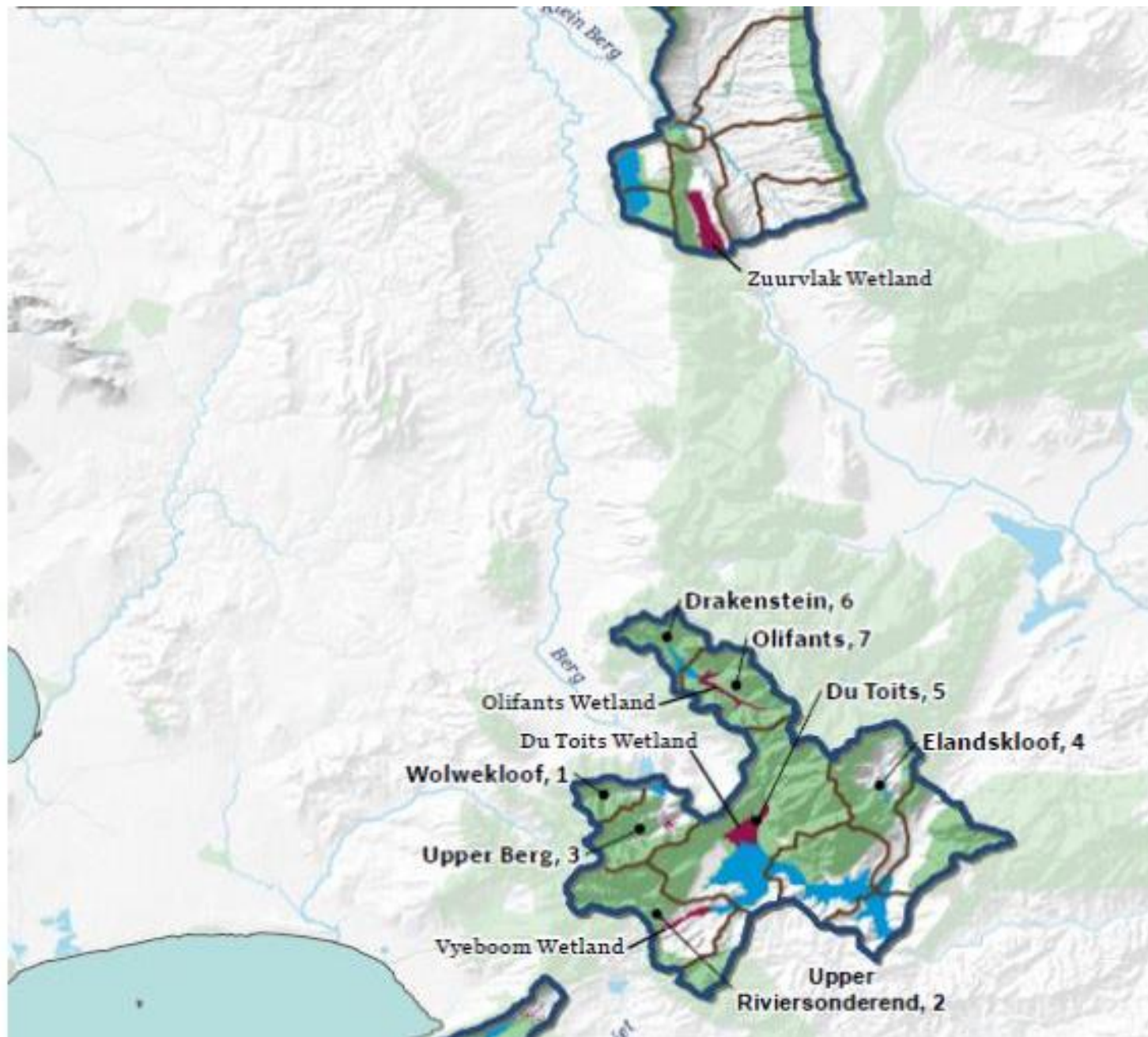
- Cape Town
- Palmiet-Bot
- Overberg
- Garden Route
- Port Elizabeth
- Durban
- Lesotho Highlands





GREATER CAPE TOWN WATER FUND

BUSINESS CASE | ASSESSING THE RETURN ON INVESTMENT
FOR ECOLOGICAL INFRASTRUCTURE RESTORATION | APRIL 2019



Predictions demand will outstrip supply by 2021

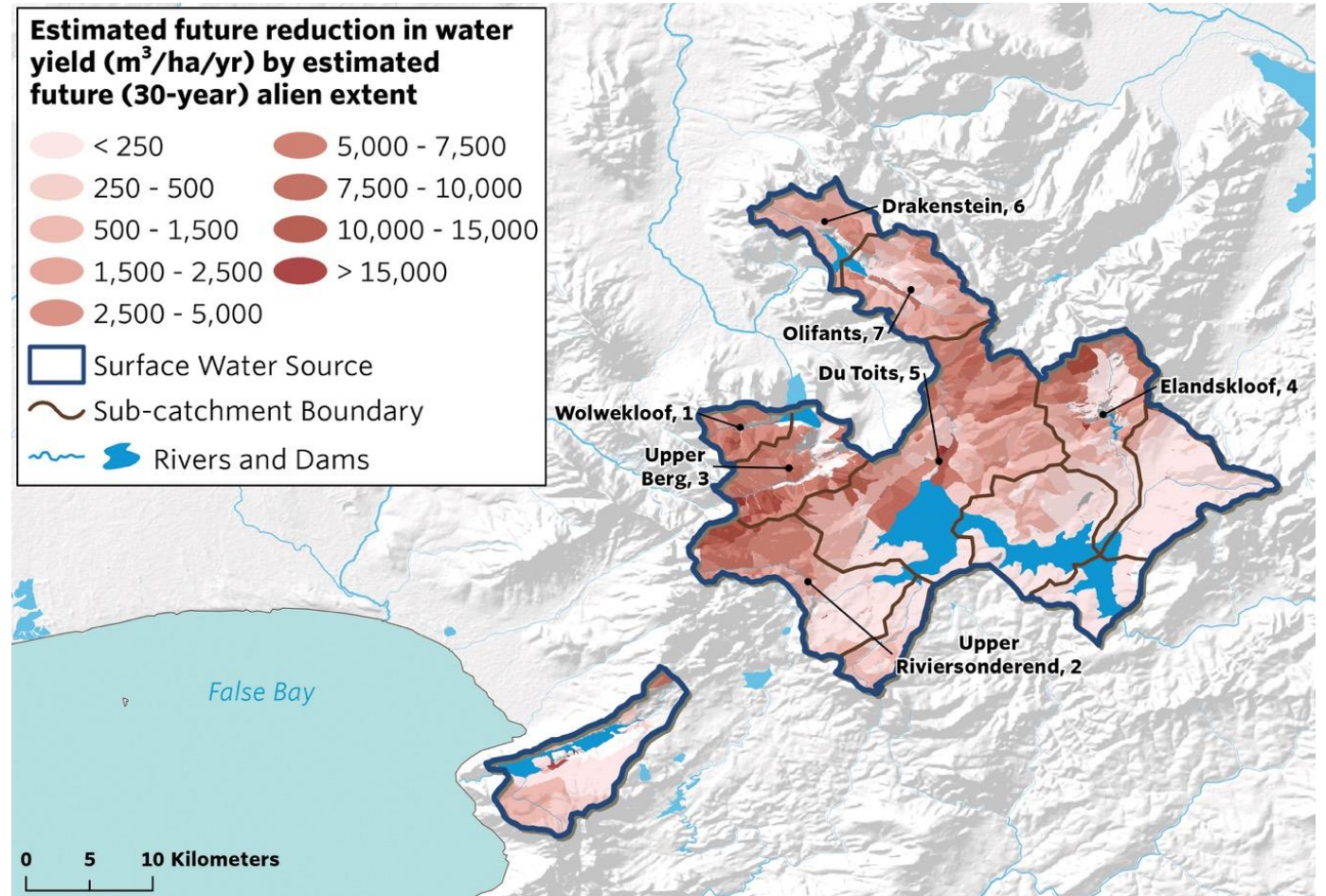


Two-Thirds of catchments invaded by alien plants



55 Billion liters lost every year

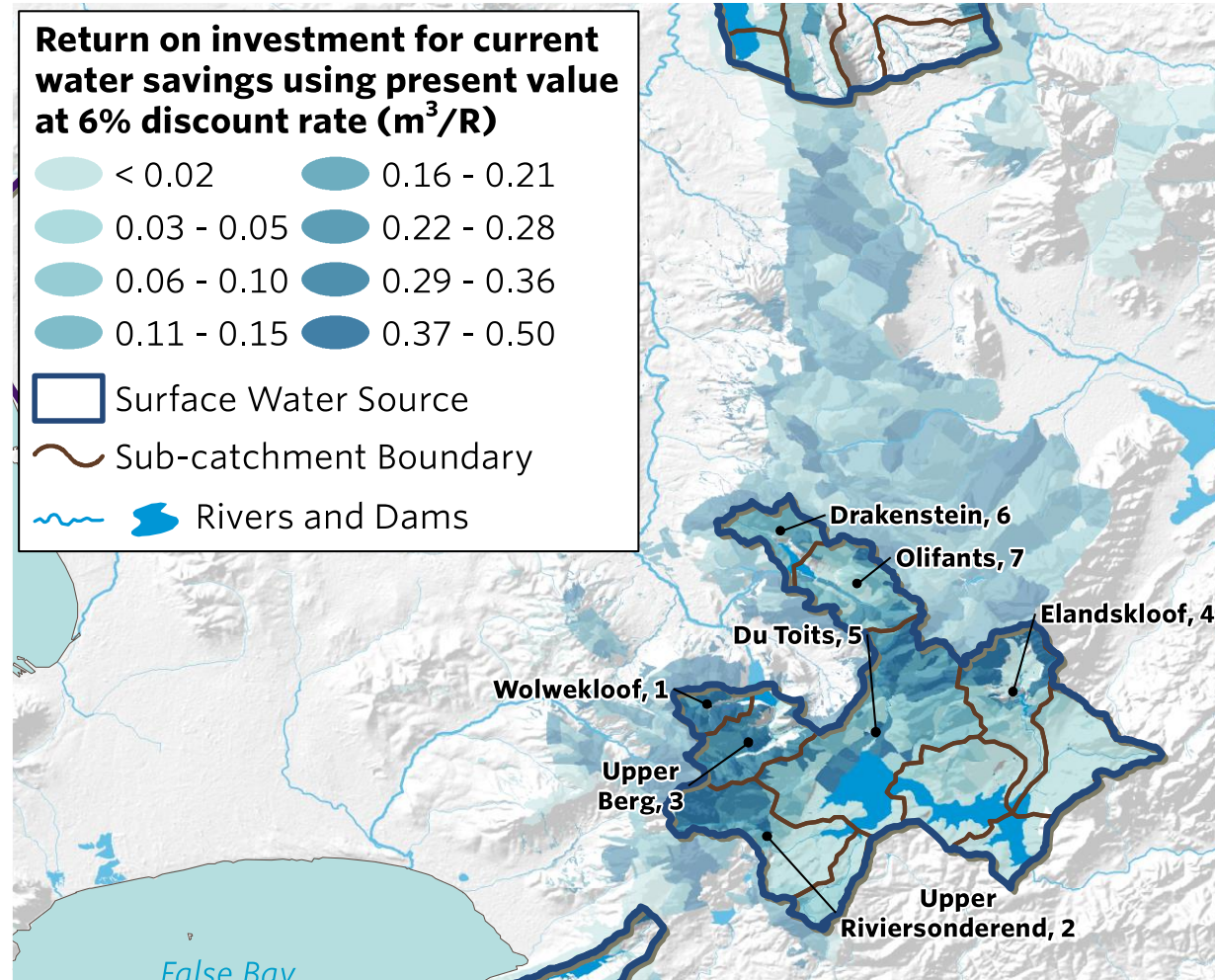
If No Action: 100 Billion liters/year by 2045



Seven Priority Sub-Catchments identified Highest R^{The Nature Conservancy}

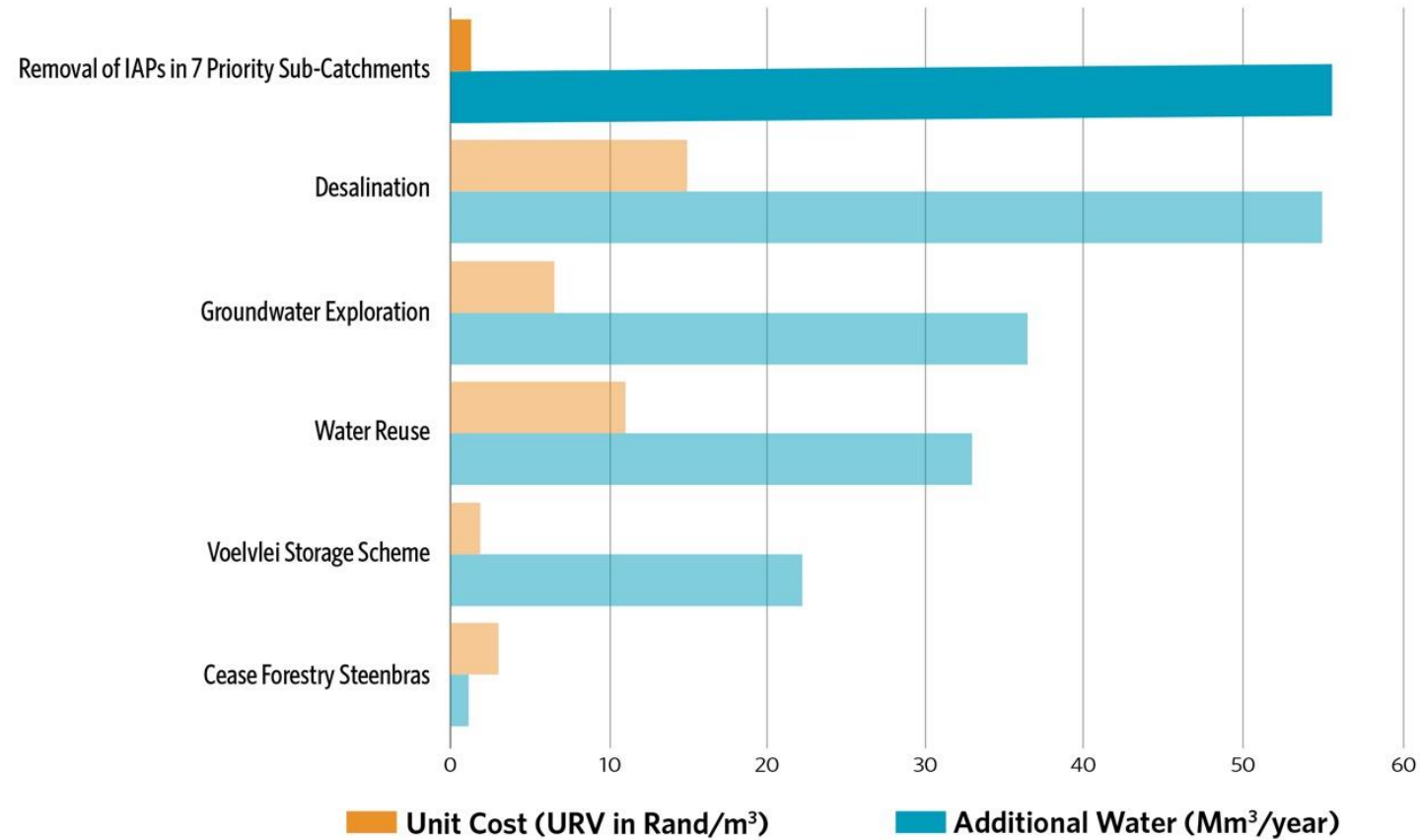


Average
R2.20/m³ water
treatment cost
included



Catchment restoration most cost effective option

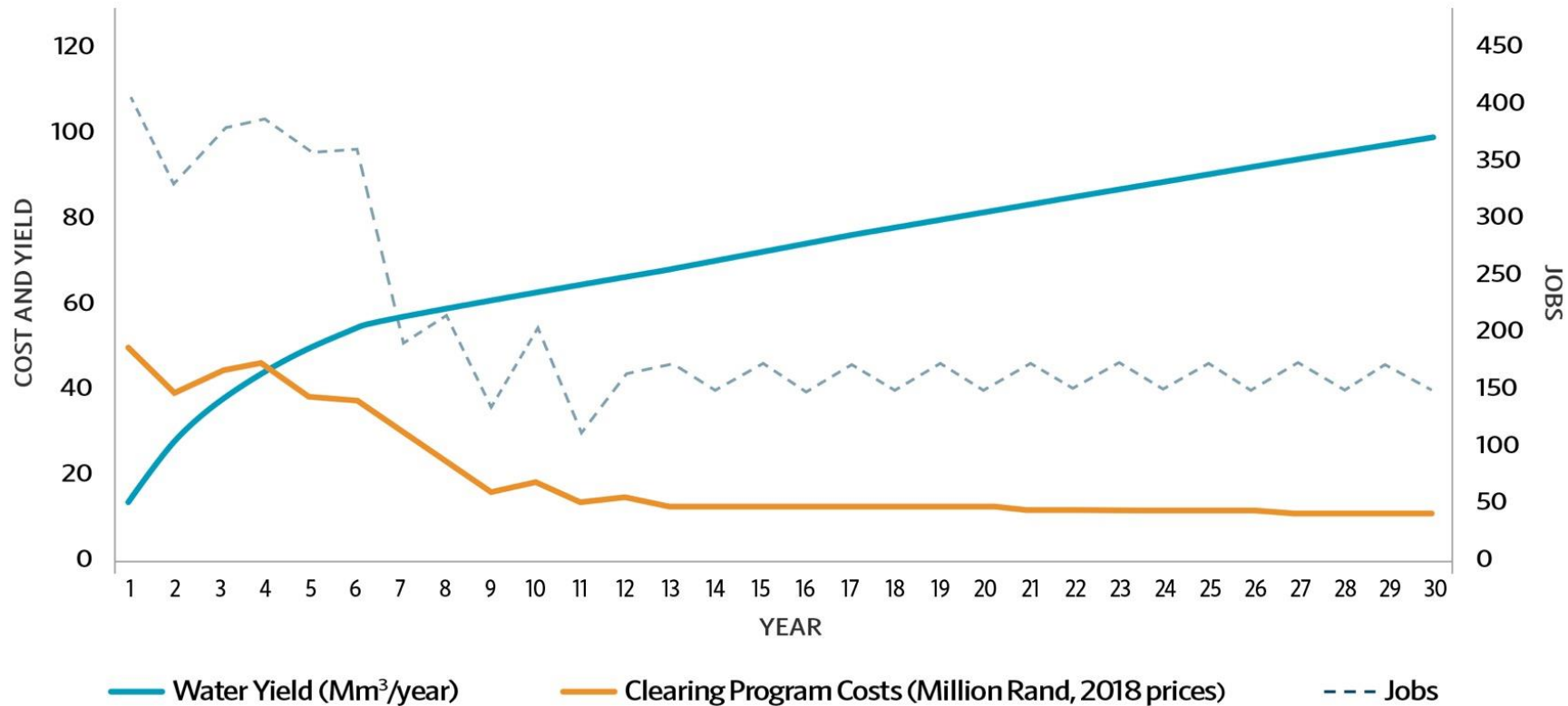
CATCHMENT RESTORATION INCREASES WATER SUPPLY AT THE LOWEST UNIT COST



1 / 10

High Impact phase followed by long term sustainability

TIMELINE OF ANNUAL COSTS, WATER YIELD BENEFITS, AND JOBS CREATED



Collective Action: The only way

GENEROUS SUPPORTERS



LEVI STRAUSS & CO.



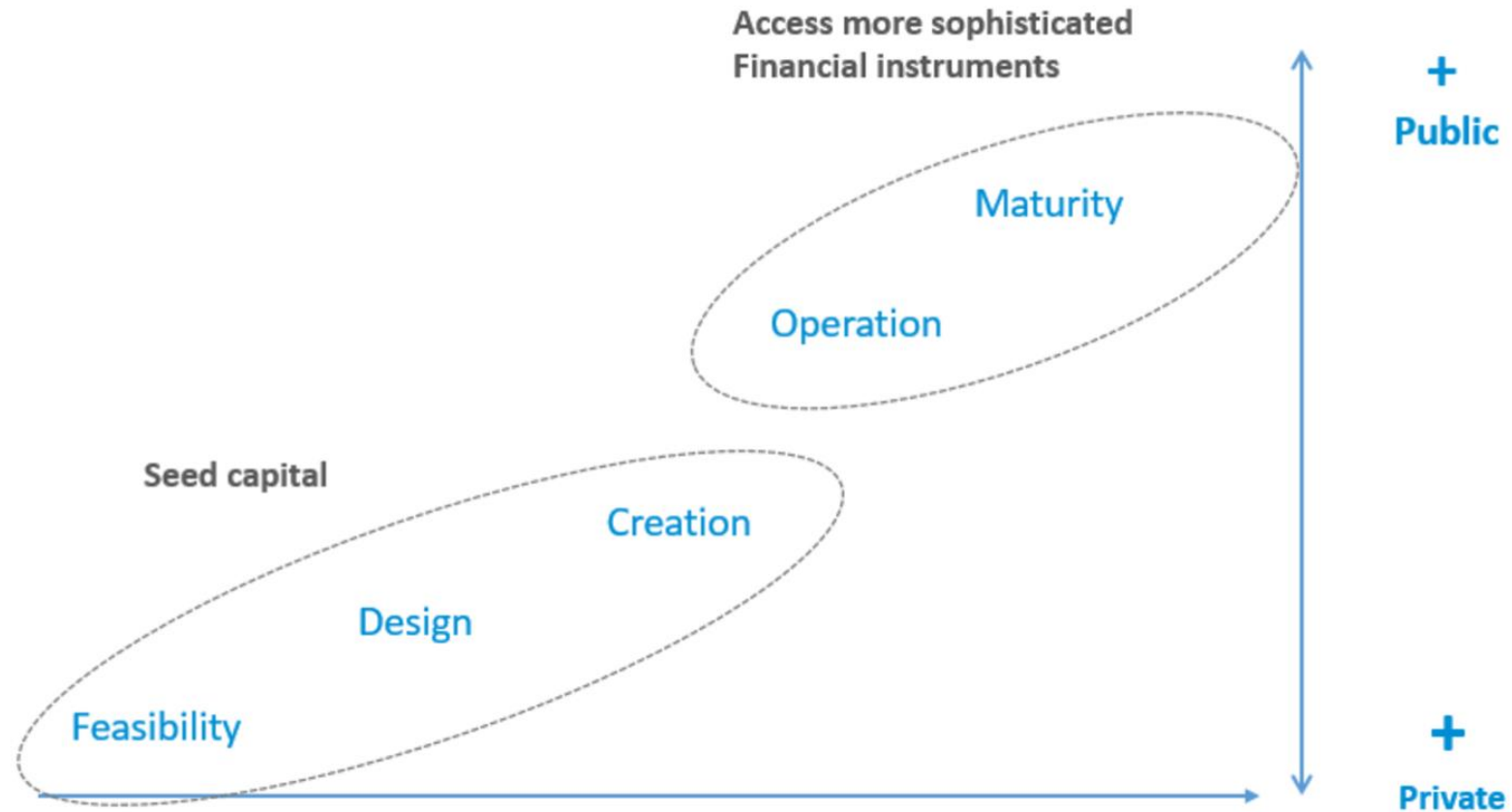
STEERING COMMITTEE



PUBLIC PARTNERS



Water Funds: Financial Strategies



Water Funds: Value Offering

- Mobilize Private-Public Sector Action
- Flexible
- Pool resources
- Focus on priorities for highest impact
- Supported by Science
- Monitor impacts
- Collective action
- 34 Water Funds globally
- Replicable
- Scalable





Thank You

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