

WATER FUNDS

**much needed complement to grey investments by
AFRICAN CITIES**

Eng. Boniface Mwaniki,
Water Resource Authority, Kenya





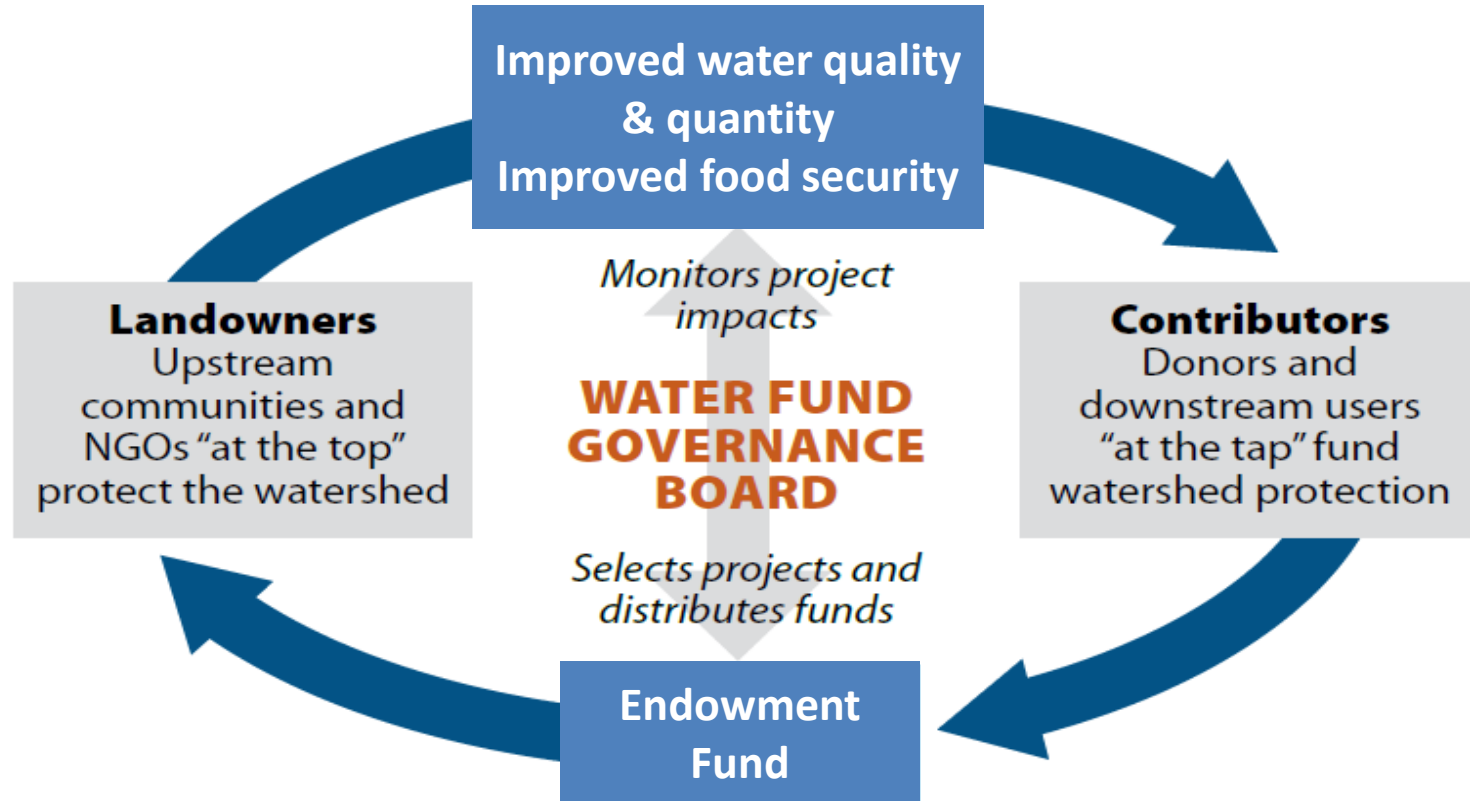
Water Challenges faced by
local communities,
city residents and
corporate users

require us to act.

The Water Fund Concept

Our goal

Harness nature's ability to capture, filter, store and deliver clean and reliable water



Impact

A cost-effective solution where the water supply is naturally replenished and filtered, and rural livelihoods are improved



Case Example from Nairobi, Kenya

BUSINESS CASE

Priority area, investment levels

REWARD TO LEADERS

2:1 Return on investment from conservation work (Nairobi business case)

A MILLION DOLLAR

Annual investment being done



“We have two purposes in Tana: conserve the soil and **make our water better.**”

—FARMER JANE

**TANA RIVER IS
KENYA'S LARGEST**

**50%
OF KENYA'S
ENERGY**

**95%
OF DRINKING
WATER**

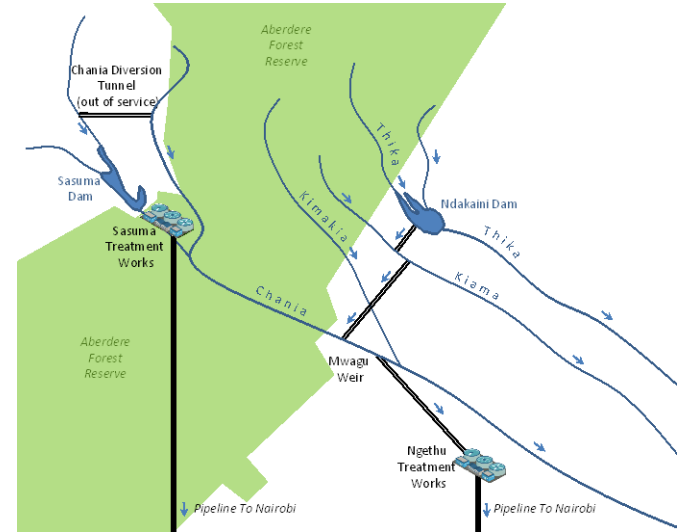
**9 MILLION
PEOPLE**



The Tana Watershed



Securing clean water for city

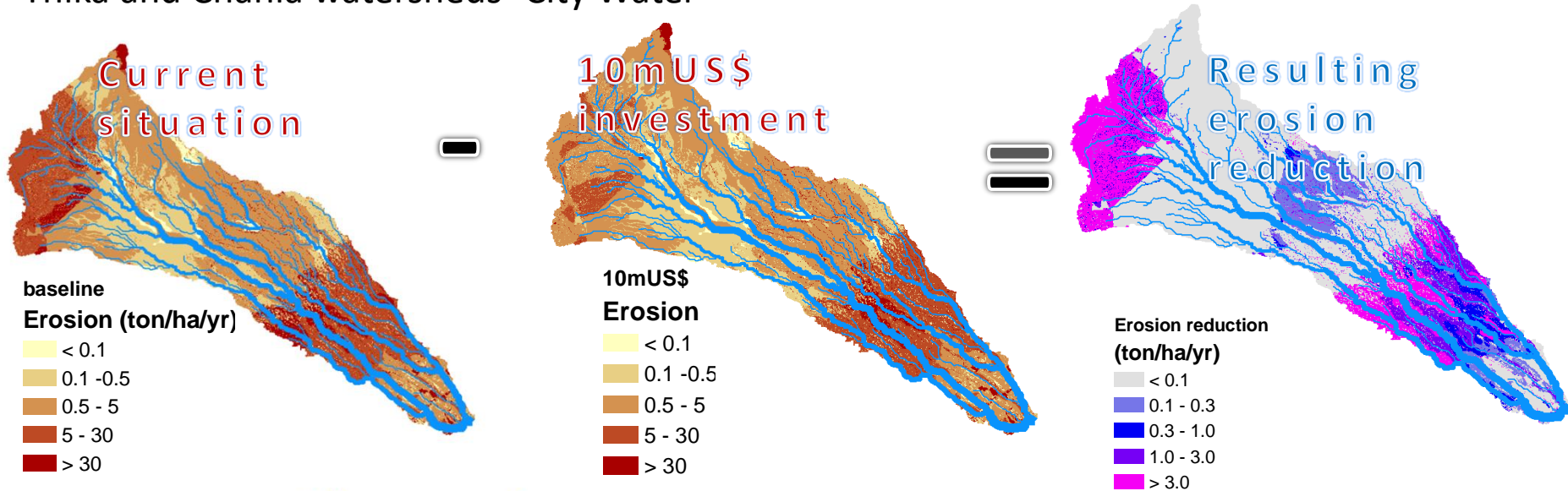


Investing in top priority places

- Applying most optimal techniques
- Engaging local communities
- Conferring livelihood benefits
- Offering commensurate rewarding for watershed care given

Scientific analysis: Erosion Reduction

Thika and Chania watersheds- City Water



Gura and Sagana watersheds- Hydropower



Developing water pans for runoff storage, crop irrigation



Installing drip irrigation kits for water efficiency




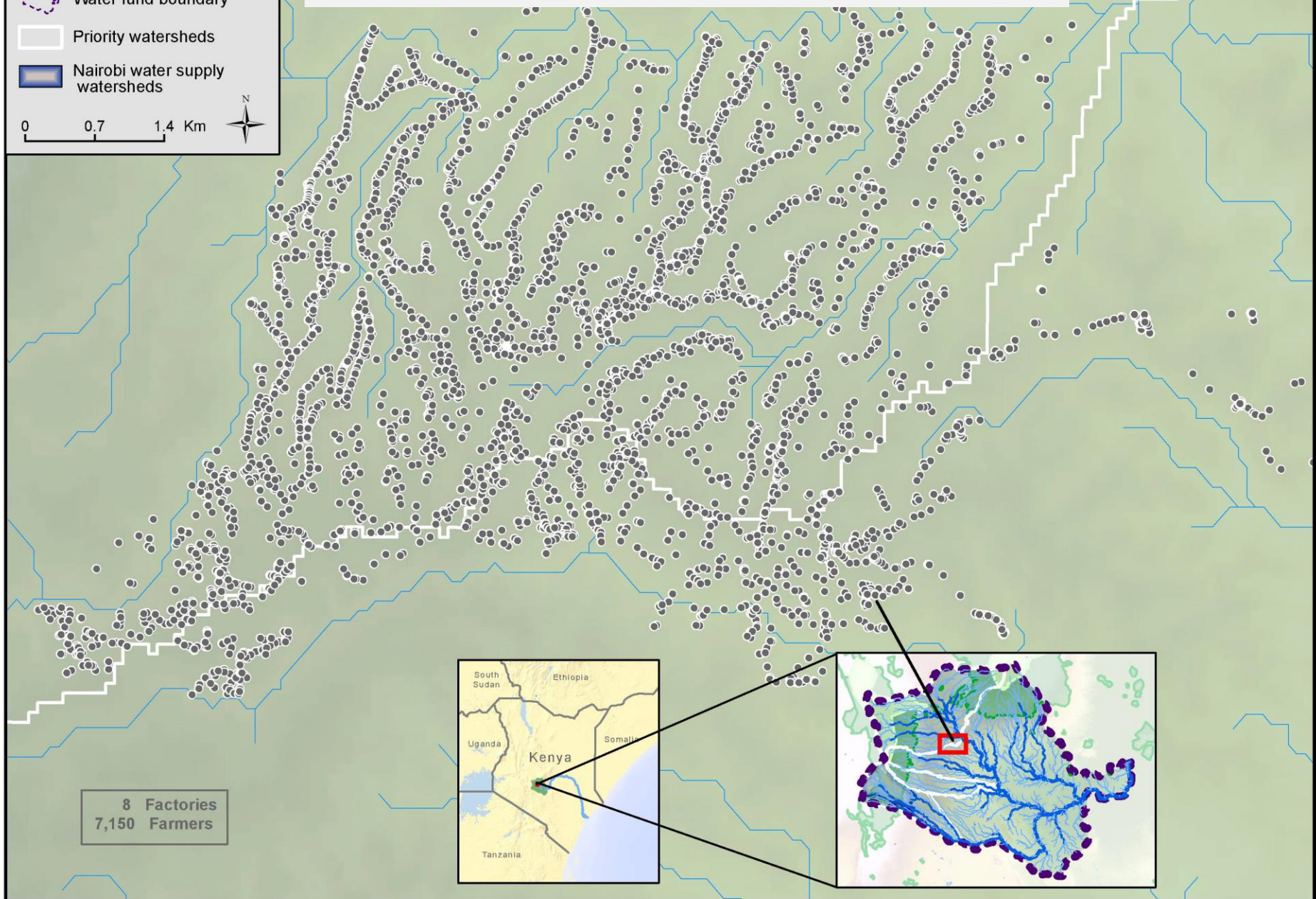
Partnership supporting 100,000 trees an year in farm, forests



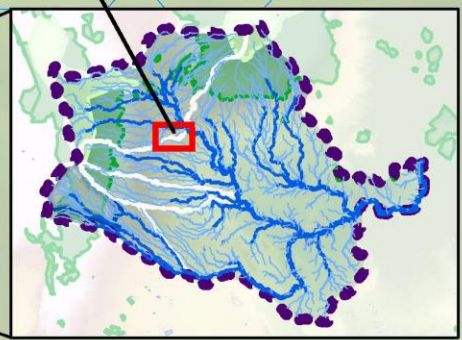
New Impact Monitoring Equipment

7150 small holder coffee farmers adopt Rainforest Alliance standard for sustainable land management

- Mukurweini coffee farmers
 - ~ Rivers
 - ~ Water fund boundary
 - Priority watersheds
 - Nairobi water supply watersheds
- 0 0.7 1.4 Km
- 



8 Factories
7,150 Farmers



15 Years Experience

35+ Water Funds Globally

60 Years of Freshwater Success

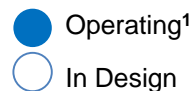
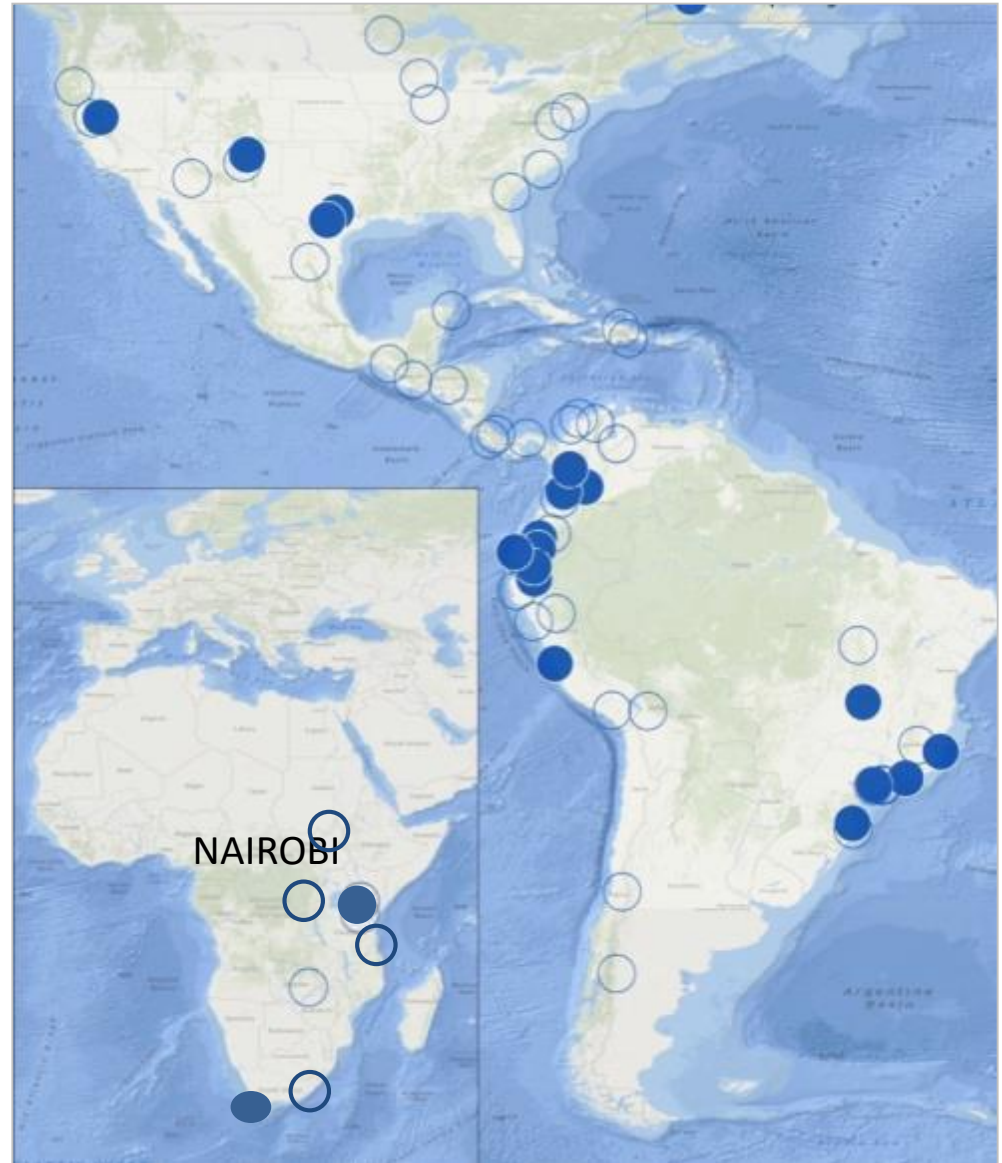
170 Water Fund Experts

Global Securing Water Network

Science, Finance, Governance, Policy

Water Funds

- The best green infrastructure
- Best solution to our cities thirst
- Offers opportunities for technological integration
- Results are visible and rewarding
- Easy to replicate



NOW COVERING AFRICA REGION

PROTECT

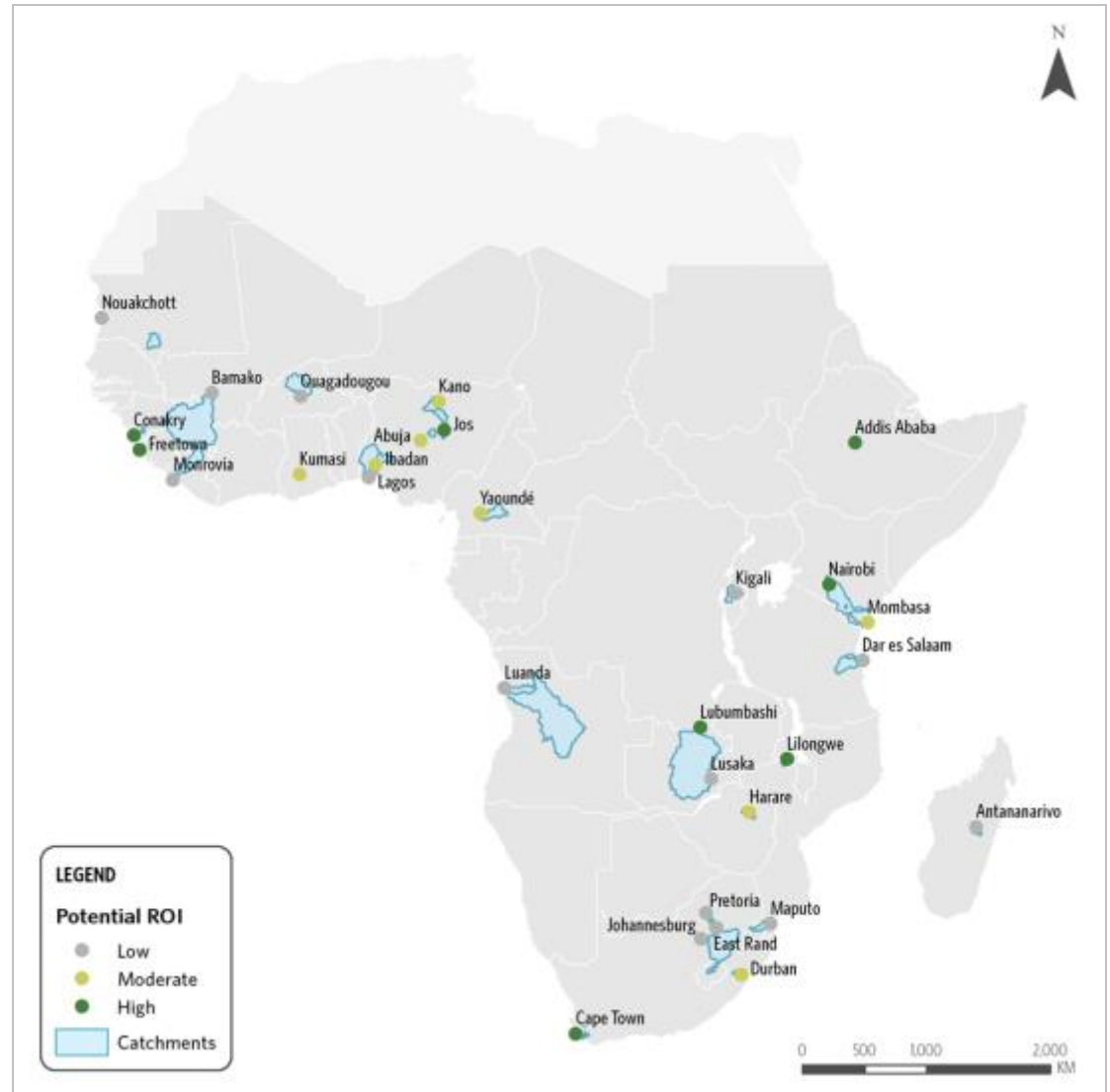
Work with stakeholders in Top
Ranked Cities

TRANSFORM

Support “Champions” to Lead
in their Priority Areas

INSPIRE

Equip Cities throughout Africa
to Replicate the Model where
desired





BENEFITS

To Nature

To People

To industry

**To Climate change
mitigation**





Thank you very much



WATER RESOURCES MANAGEMENT AUTHORITY

