

# Partnerships for an Improved WASH Data Ecosystem

Hosted by WASHWeb  
July 11<sup>th</sup>, 2024



# Welcome!

Thank you for joining today's webinar on Partnerships for an Improved WASH Data Ecosystem

With speakers from:



# Who are we?

- Dynamic, bottom-up initiative
- Community at the intersection of data & WASH
- Facilitating discussions on:
  1. Social Justice
  2. Using Data Better
  3. Systems Thinking
  4. 4Ws: Who's doing what, where & when?
  5. What are your ideas?

# Who are we?



Nicolas Dickinson  
WASHWeb Lead



Merel Laauwen  
WASHWeb Coordinator

# Our vision



# Agenda

- |    |   |   |
|----|---|---|
| 01 | <b>openwashdata</b>                         | Intro to openwashdata & invitation to WWW                     |
| 02 | <b>Dpm't of Cooperative Governance (SA)</b> | Building Public Value Data – Towards a Single Source of Truth |
| 03 | <b>RWSN Data for Action</b>                 | Partnership for Improved WASH Data                            |
| 04 | <b>WHO</b>                                  | Align to accelerate: Monitoring the strength of WASH systems  |
| 05 | <b>UWASNET</b>                              | UWASNET's Experience  |
| 06 | <b>BASEflow</b>                             | A Malawi Case Study   |

# Q&A in the chat

- Ask your questions in the chat during the call
- We will select and ask a few questions to our presenters at the end

# Next steps

- Follow us on LinkedIn for updates @WASHWeb
- Feel free to contact Nick & Merel via [hello@washweb.org](mailto:hello@washweb.org) if you want to lead a discussion group or have ideas for an upcoming webinar / event



# Let's get started!

# openwashdata

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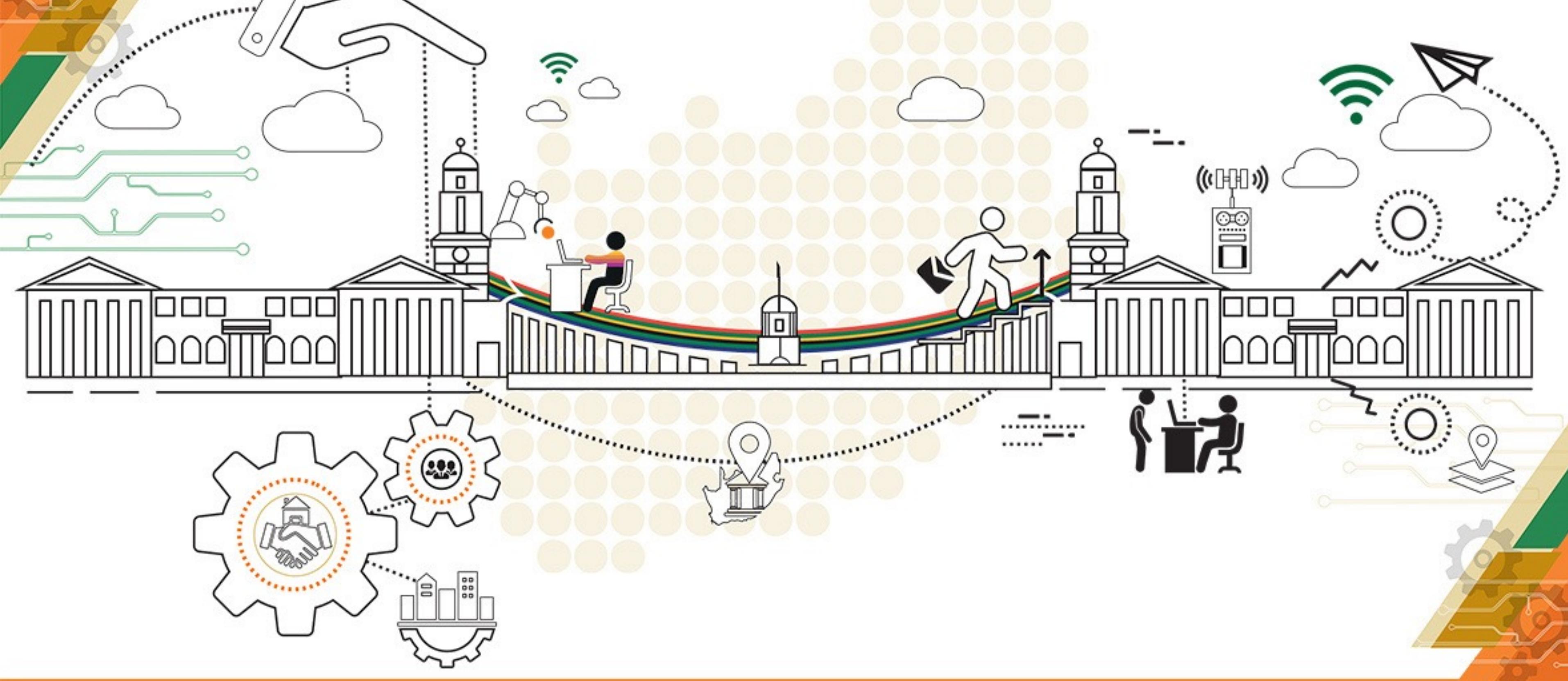




# **Government of South Africa: Department of Cooperative Governance**

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cooperative  
governance  
Department:  
Cooperative Governance  
REPUBLIC OF SOUTH AFRICA

## Building Public Value Data Ecosystem – Towards a Single Source of Truth

**Dr Sandile Mbatha**  
National Chief Data Officer  
Date: 11 July 2024



# CONTENTS

## INTRODUCTION

- Our complex government data context

## OVERVIEW OF THE NATIONAL STRATEGIC HUB

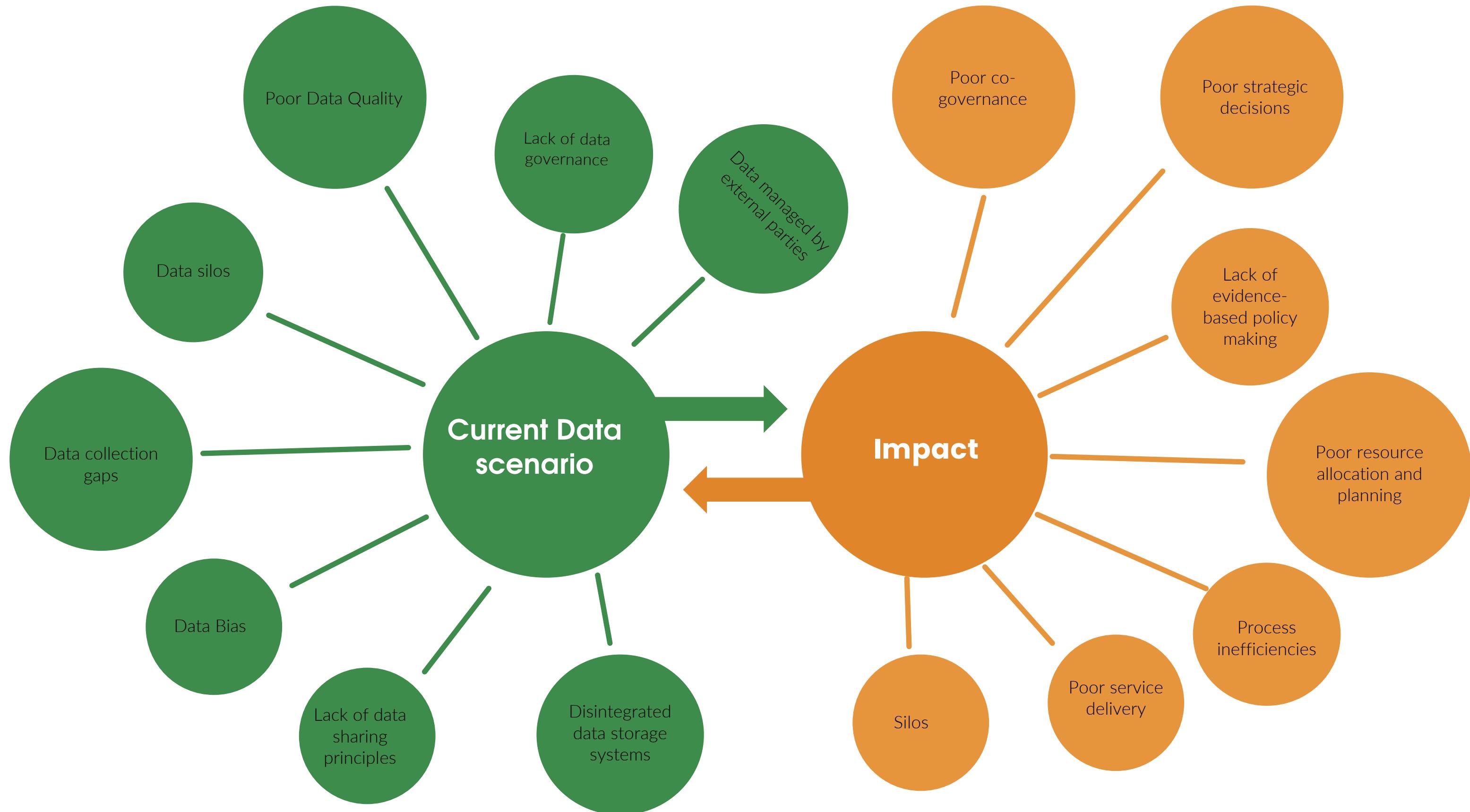
- Tools & Products

## PUBLIC VALUE DATA ECOSYSTEM

- Partnerships: Strategic Intent
- WASH data ecosystem



# OUR COMPLEX GOVERNMENT DATA CONTEXT:





**National Strategic Hub**  
REPUBLIC OF SOUTH AFRICA

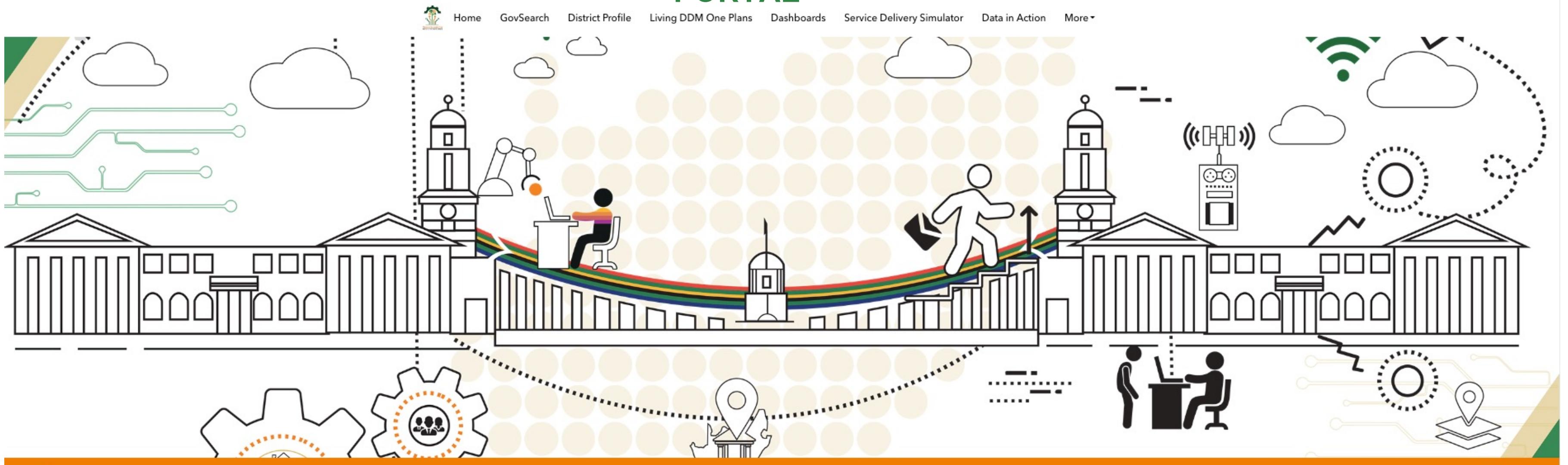
**“OUR SINGLE SOURCE  
OF TRUTH”**

### MISSION:

- Position **data** as **critical infrastructure and an asset** for improved governance, operational efficiencies and service delivery.
- Provide decision makers with **a comprehensive view of the nation**, nurturing a data-driven culture where decisions are grounded in insights rather than instincts or political sentiments.



# NATIONAL STRATEGIC HUB: PORTAL

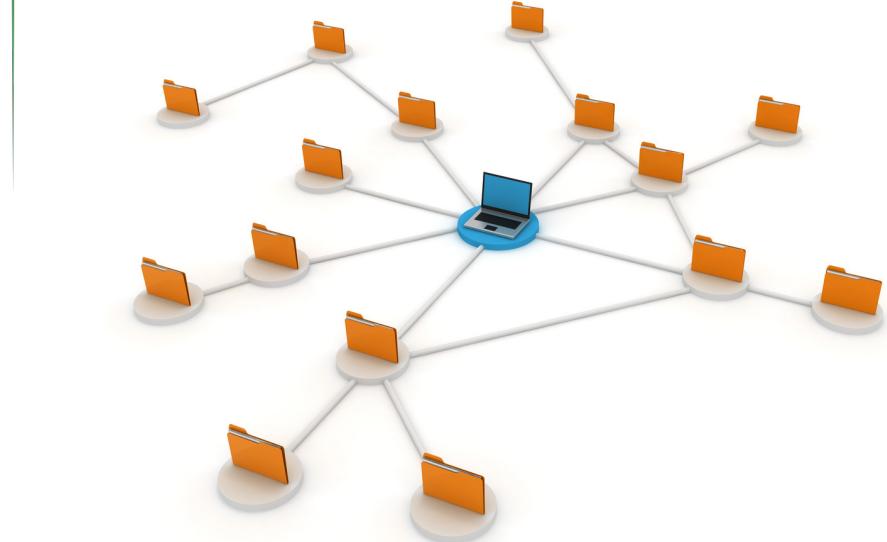


## National Strategic Hub

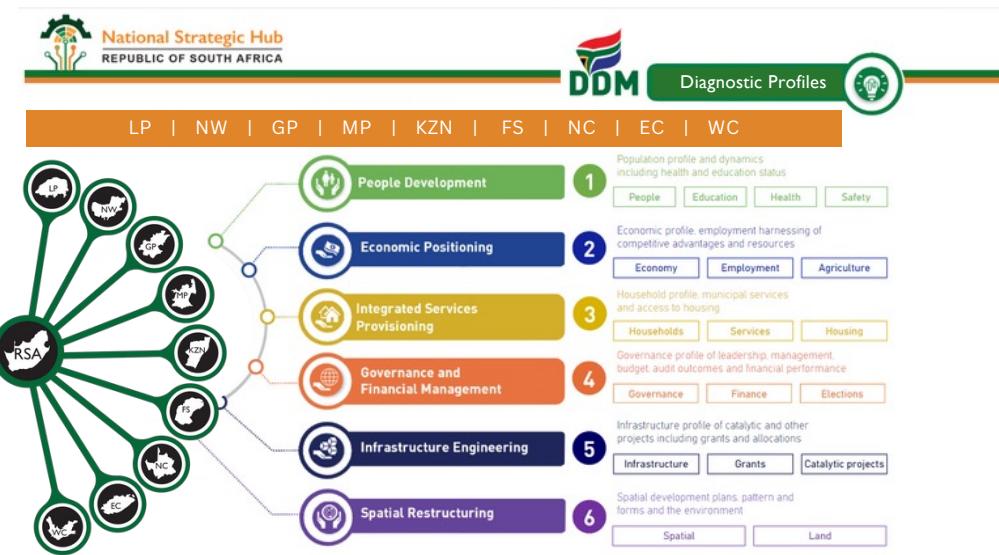
Our single source of truth



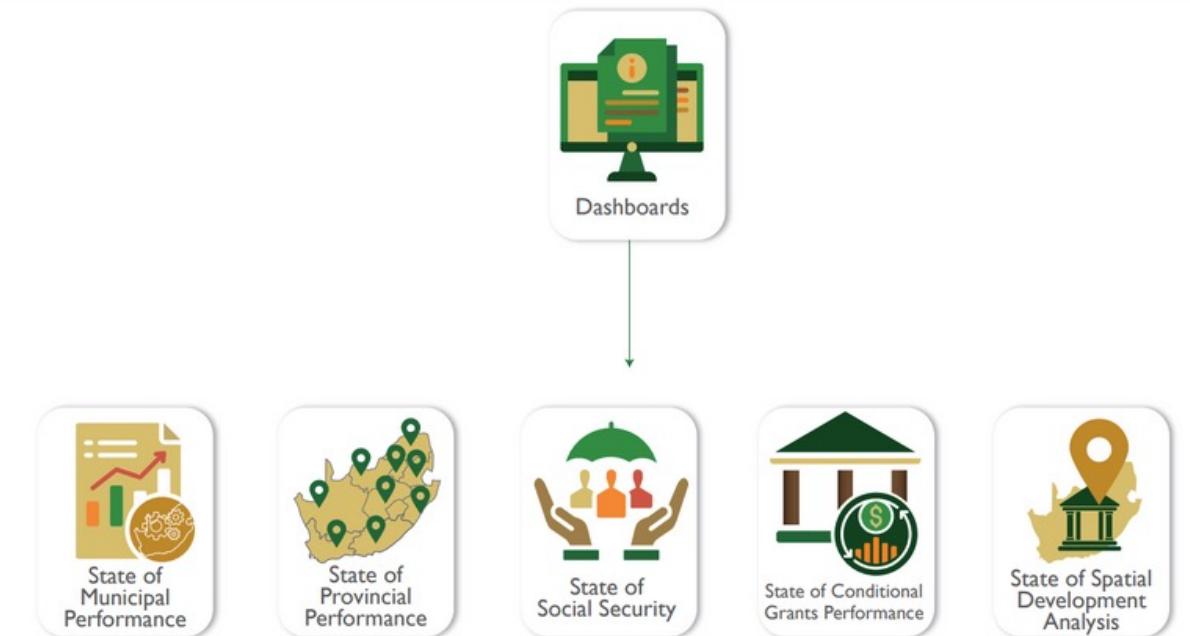
# TOOLS & PRODUCTS



**1. INTEGRATED COUNTRY LEVEL DATA**



**2. NATIONAL, PROVINCIAL & DISTRICT DIAGNOSTIC PROFILES**



**3. SECTOR DASHBOARDS**



**GovSearch**

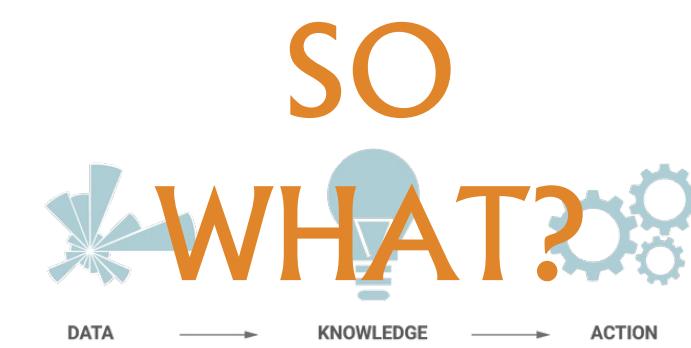


For authenticated government data, ask Themb!

**4.  
GOVSEARCH**



**5. LIVING ONE PLANS**



**6. DATA TO ACTION**



**7. SERVICE DELIVERY SIMULATOR**

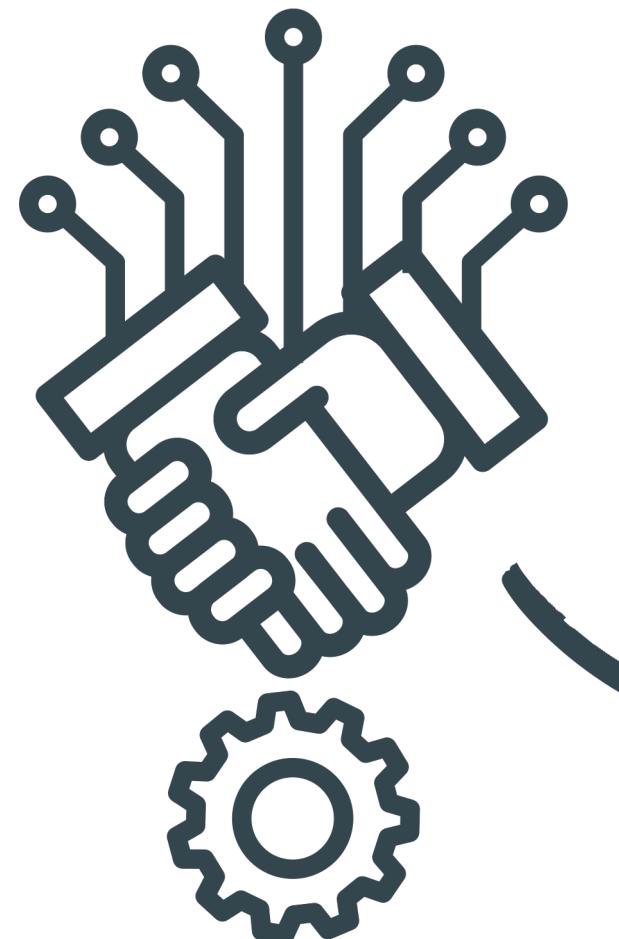


National Strategic Hub  
REPUBLIC OF SOUTH AFRICA



## BUILDING A PUBLIC VALUE DATA ECOSYSTEM | STRATEGIC INTENT

Leverage data and partnerships to support evidence-driven decision-making, towards improving:

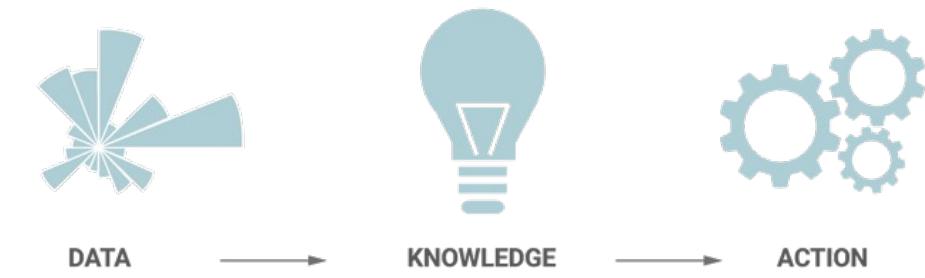


Partnerships



A single source of truth

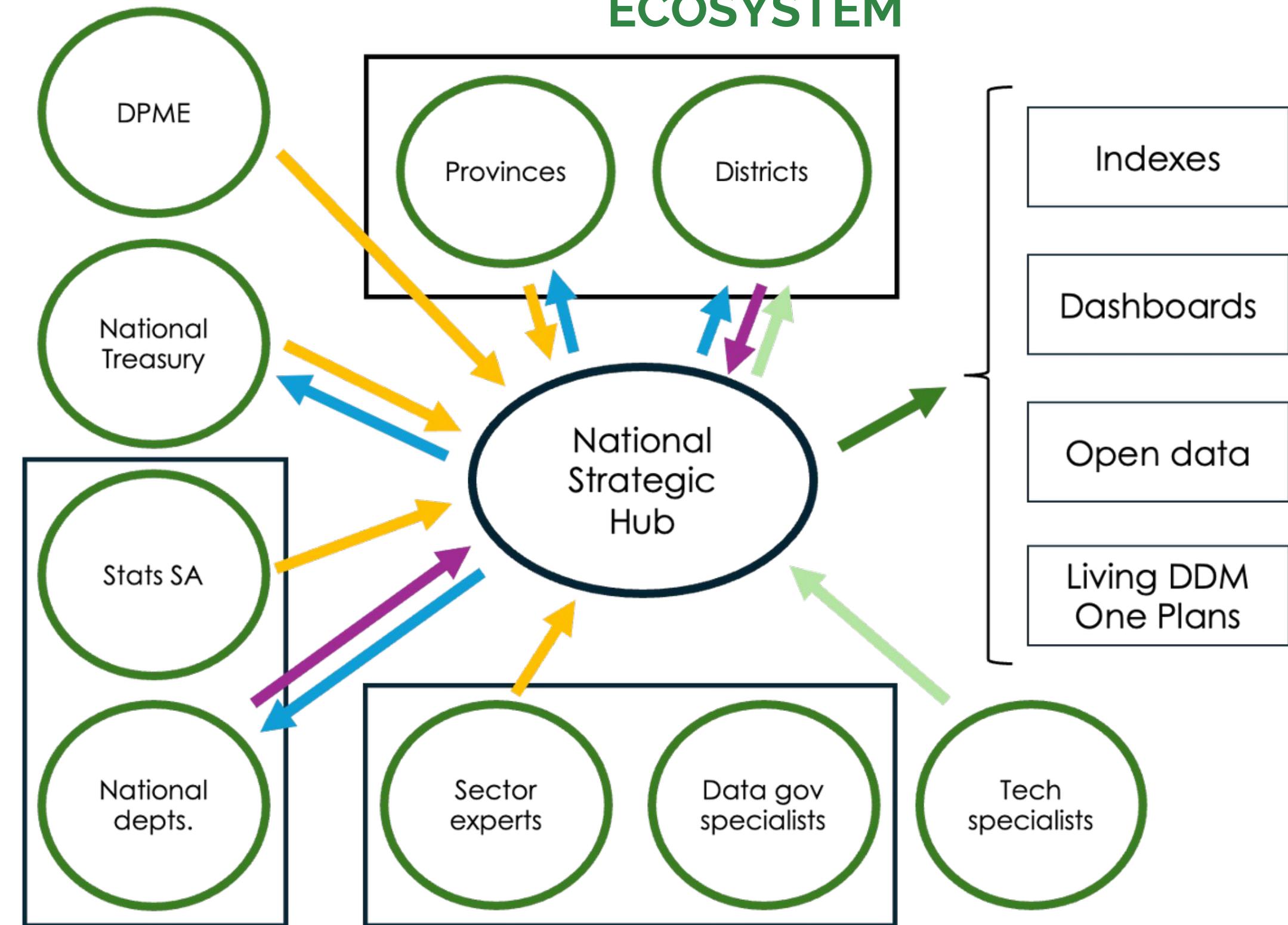
## SO WHAT?



- Data literacy
  - Governance
  - Operational efficiencies
  - Service delivery
  - Resource allocation
- Impact



# BUILDING A PUBLIC VALUE DATA ECOSYSTEM



An “all-of government,  
all-of society”  
Approach

LEGEND:

- [Yellow Box] Sector working groups
- [Yellow Arrow] Data custodians
- [Blue Arrow] Insights
- [Purple Arrow] Feedback
- [Green Arrow] Hub Products
- [Light Green Arrow] Infrastructure development & Capacitation





## Conclusion

**WASH is a collective responsibility**

**Data is a catalyst and a foundation for:**

- Operational efficiencies
- Collaboration
- Robust partnerships
- Equitable access to WASH services and infrastructure
- Co-governance, sustainability and inclusion

Thank  
you!



cooperative  
governance  
Department:  
Cooperative Governance  
REPUBLIC OF SOUTH AFRICA



# RWSN Data for Action

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Rural Water Supply Network

# **RWSN Partnership for an improved WASH Data Ecosystem**

**Mutala Abdul-Mumin, Co-Lead Data for Action Theme**

**11.07.24**



# About RWSN

**We are a global network of individual professionals and organisations dedicated to rural water supply**

**Founded:**

**1992**

**Membership:**

**16,000+ individuals**

**100+ organisations  
in 170 countries**

**Followers:**

**28,000+ on LinkedIn**  
**Skat Foundation**

**Executive Committee:**



**Multi-language webinars:**

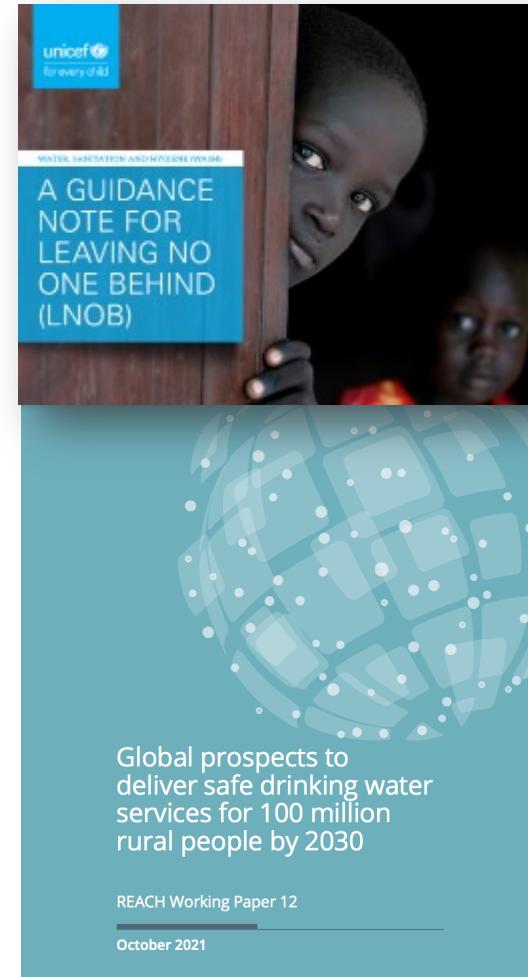
- Typically, 8-12 a year in 2-3 languages with 150-300 participants.
- Launch of WHO Guidelines (15 February 2024)
  - 6 languages
  - 1010 participants from 159 countries

**Mentoring:**

- 1,359 mentors & mentees since 2019
- In 2023: 250 participants from 66 countries

**Developing research and guidance, e.g. with and for UNICEF and University of Oxford**

**Key Alliances:**



# RWSN in the Network Ecosystem

While RWSN is the only global network dedicated to rural water supply, we recognise that purely focusing on our 'silo' will not lead to the change that we want to see.

Therefore, we will continue to foster active alliances with other networks, partnerships, associations and consortia in a smart way to achieve greater outreach and impact.

During 2024-2030 we will:

- Develop stronger links with regional and national water operator and WASH networks and associations.
- Explore beyond our existing network circle in WASH and water resources to build effective partnerships in other sectors, such as education, agriculture, energy, rural development and climate change, that support the vision of the network.

## Our partner networks and knowledge hubs (2024)

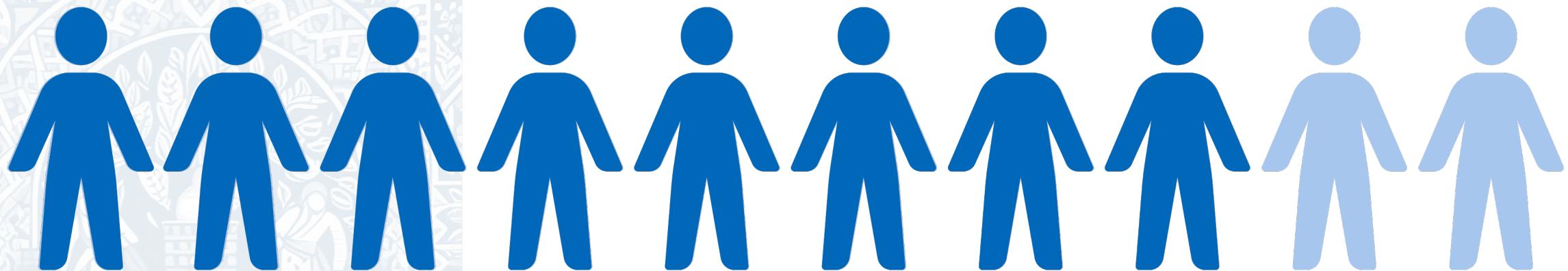


International Network of  
Drinking-water and Sanitation  
Regulators (RegNet)



# Why Rural Water?

80%



**8 out of 10 people (580 million)  
without basic water services  
live in rural areas**

# **How RWSN works to create change**



1

**Networking,  
Connecting & Convening**



2

**Knowledge Brokering  
& Information Hub**

3

**Training, Guidelines  
& Standards**



## Data for Action

The Data for Action Theme focuses on:

- **Innovation** in data for rural water, including harness emerging technologies and trends, such as Artificial Intelligence and Machine Learning.
- **Strengthening** how rural water data is used systematically to support decision-making at all levels.
- **Identifying** and **developing guidelines** where there is a need.
- **Supporting** harmonisation of indicators, benchmarking and open data standards (such as the Water Point Data Standard).

This webinar had over 360 WASH professionals from all over the world

Participating.  
This is a link to the recorded webinar

<https://lnkd.in/gyPeT2vV>

# AI Webinar

## Artificial Intelligence and Water Management: Opportunities, Effectiveness, Limitations and Ethics

### Speakers

### Moderators



**Kwaku Adjei**  
Kwame Nkrumah  
University of Science and Technology, Ghana



**Snehal Verma**  
NatureDots  
India



**Olivier Mills**  
WASH AI  
Canada



**Muthi Nhlema**  
BASEflow



**Mutala Abdul-Mumim**  
WaterAid



skat  
foundation



BASEflow



WaterAid



NatureDots®  
नेचरडॉट्स





## A Call to Action

- The data we generate in our line of work must be shared
- The data we require to make informed decisions can be provided by other partners
- Together we can work to generate timely and reliable data
- Are you a member of the RWSN?
- Do you want to join the Network?  
<https://www.rural-water-supply.net/en/>

The Data for Action Community  
[https://dgroups.org/rwsn/data4action\\_rwsn](https://dgroups.org/rwsn/data4action_rwsn)



# Thank You

# World Health Organization

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# **Align to accelerate: Monitoring the strength of WASH systems**

**Online webinar – Partnerships for an improved  
WASH data ecosystem**



# **Monitoring the strength of WASH systems – sharing the vision for more impact**

Do we have a sound agreed core set of indicators and common monitoring and review framework that would support decision-makers to monitor progress, evaluate impact, and ensure accountability?

# Progress needed to reach SDG 6.1 and 6.2

- According to the **JMP 2023 report** the world is dramatically off-track to reach SDG 6.1 and 6.2
- Yet, some countries have successfully and rapidly increased coverage of WASH services
- **What are the factors that lead some countries to make rapid progress towards increasing access to WASH services and others not?**

Since 2015, 32 countries have increased coverage of at least basic drinking water by at least five % pts

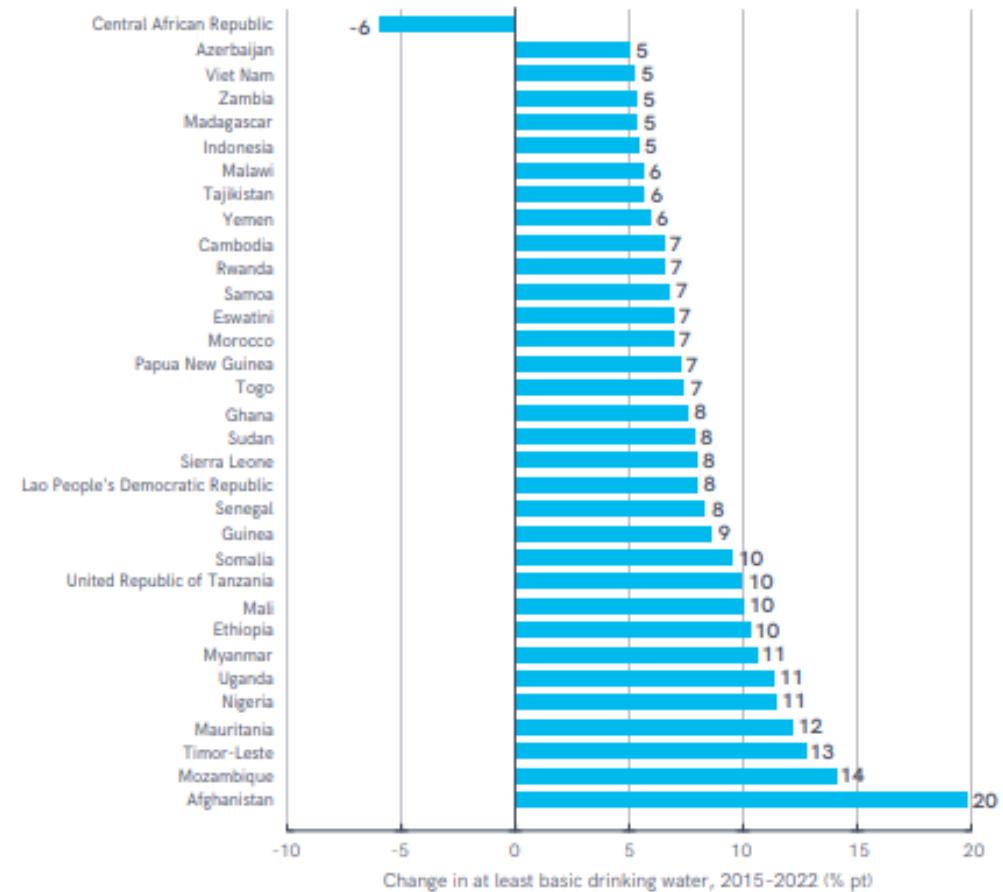


FIGURE 25

Change in proportion of population using at least basic drinking water services, among countries with at least five % pt change, 2015–2022 (% pt)

# Insufficient financial and human resources overall

Two thirds of countries have policies, but few countries have costed plans with sufficient financial and human resources to implement them.



Note: "Sufficient financial and human resources" is defined as having more than 75% of what is needed to implement sanitation plans.

Source: GLAAS 2021/2022 country survey.

# What do we mean by WASH systems?

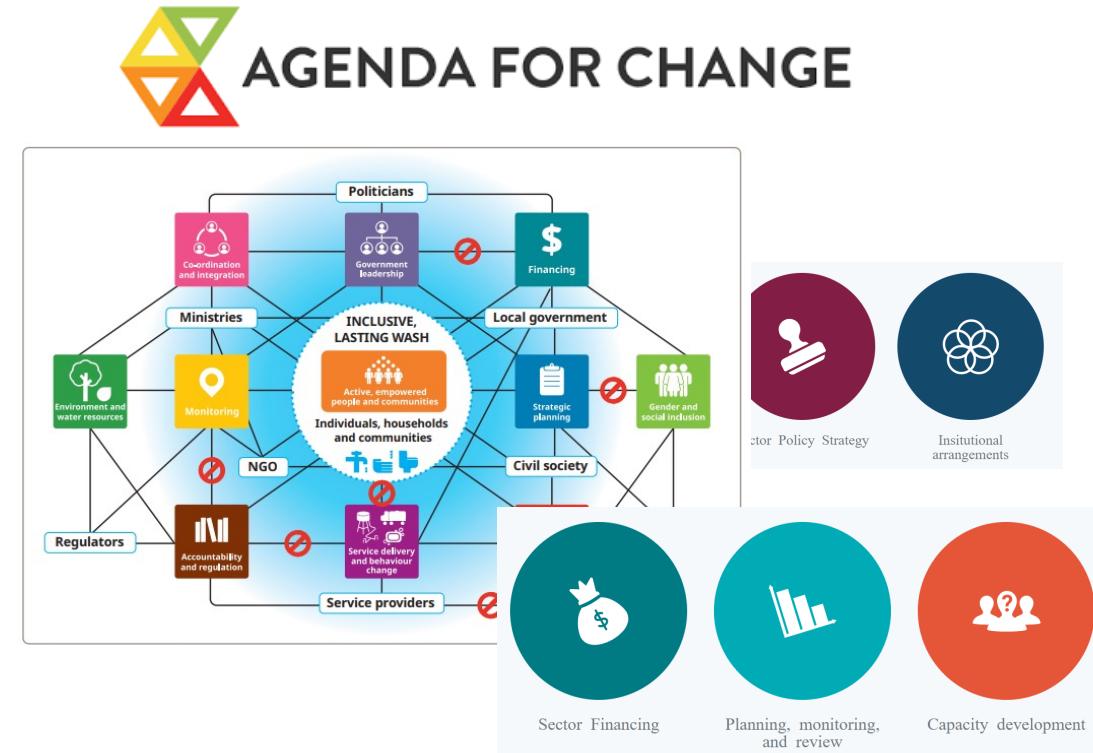
- UNICEF: Planning, analysis and collaboration for better-info
- World Bank: Policies, institutions, and regulation (PIR)
- IRC: All the social, technical, institutional, environmental and actors, motivations and interactions that influence WASH system context



**SWA Building Blocks:** Sector policy strategy; institutional arrangements; sector financing; planning monitoring and review; and capacity development

**UN-Water accelerators:** Data and information, capacity development, financing, innovation and governance

- **GLAAS:** governance, monitoring, finance and human resources

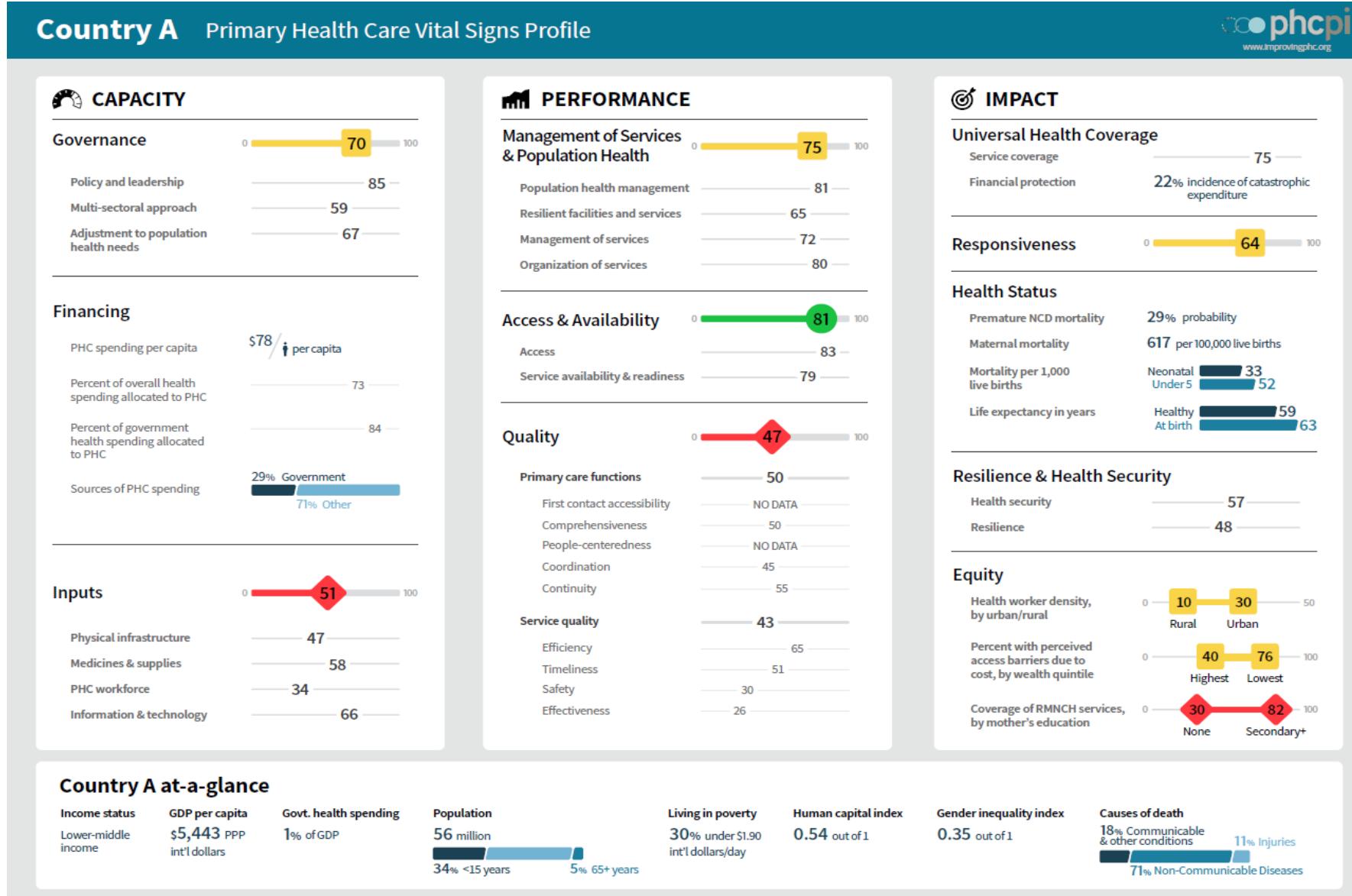


# Multi-stakeholder initiative - Objectives

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- To steer a process for development of a core indicators and a common monitoring and review framework to monitor the strength of WASH systems.
- To pilot in a few selected, but diverse country settings: data collection, data visualization and data use by national and regional/global actors, based upon a localized approach
- To support governments and partners in the establishment of a process for regular national monitoring and review of the strength of WASH systems, e.g. evidence-based joint sector review-type process, based on a set of national indicators that will include the core indicators.

# Monitoring Primary Health Care(PHC) performance: an example of a national performance dashboard for country use



Source: Primary health care performance initiative. DRAFT Vital Signs Profile 2.0 (currently under revision)

- A snapshot of PHC in individual countries – where systems are strong and where there are challenges.
- Identify priority areas for improvement and track and trend improvements over time.
- Supports transparency and accountability for results.

# Next steps

---

- Share concept note more widely
  - Sector-wide initiative
  - Identification of pilot countries
- Preparation of a discussion paper
  - Call for evidence
- Preparing for Phase 2 and formation of technical working groups
- Ensure alignment with climate resilient WASH monitoring, SDG 6 means of implementation review, FCDO WASH systems for health, etc.

# Discussion paper

---

- Overview of existing WASH systems strengthening frameworks
- Consolidation of existing indicators used by countries and partners for monitoring of WASH systems elements
- Comparison with health and other sector systems monitoring frameworks and cross-cutting issues
- Review of evidence linking WASH systems elements to outcomes and impact
- Proposed framework for the core WASH systems indicators

## Call for evidence

Please share any relevant frameworks and indicators to be considered in the discussion paper by **19 July**

**[washmonitoring@who.int](mailto:washmonitoring@who.int)**

# Thank you!

For more information, contact  
[washmonitoring@who.int](mailto:washmonitoring@who.int)

# UWASNET

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**UWASNET**

# PARTNERSHIP FOR AN IMPROVED WASH DATA ECOSYSTEM: UWASNET's Experience

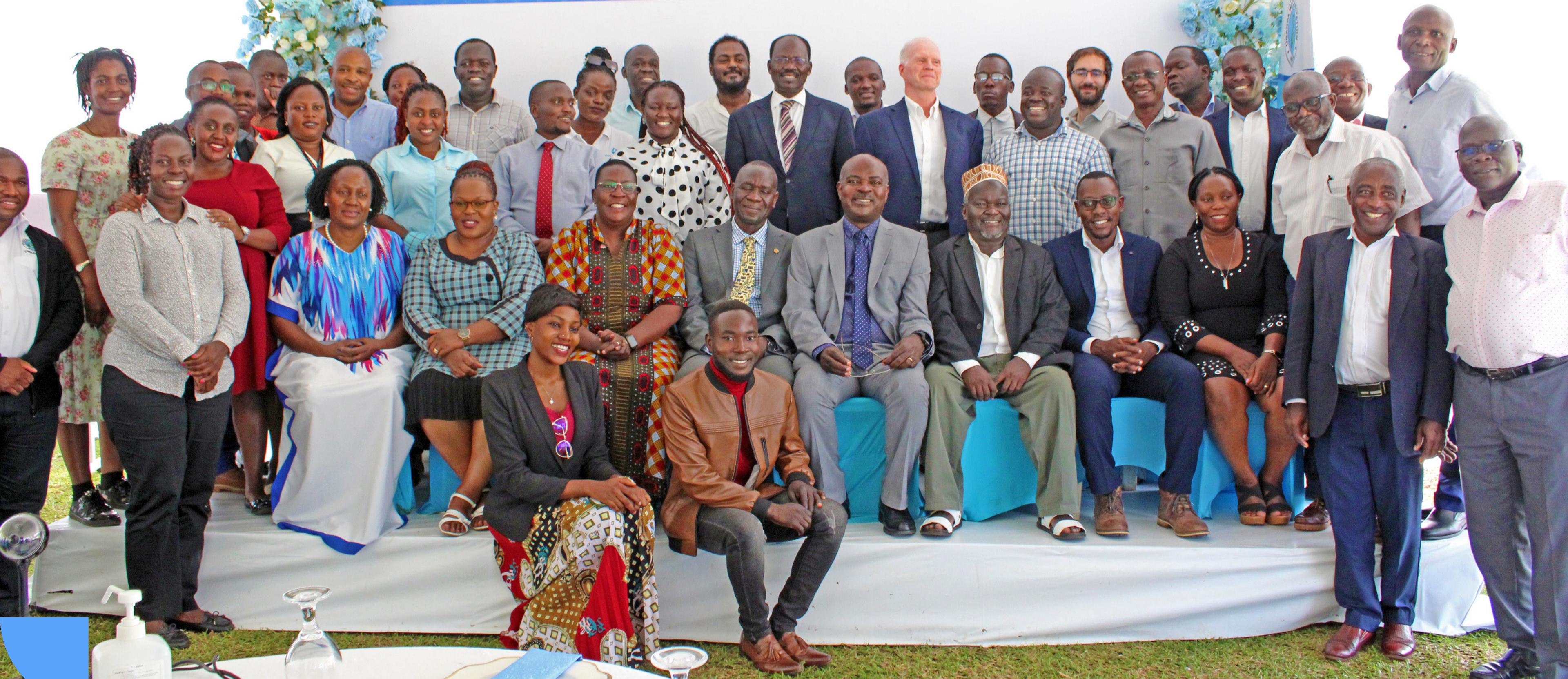
**Yunia Yiga Musaazi**

WASHWeb Webinar

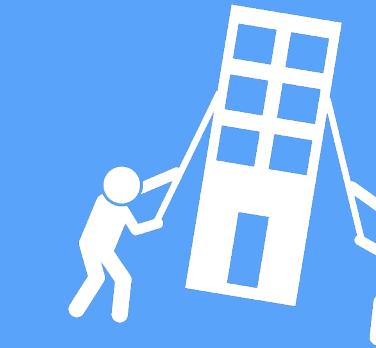
Thursday, July 11, 2024



# UWASNET 17TH ANNUAL GENERAL MEETING



# WHO WE ARE?

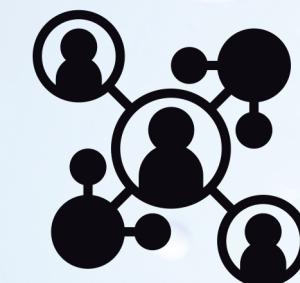


Founded in 2000



Membership of more  
than 250 Civil Society  
Organizations (CSOs)

# OUR MANDATE



Coordinate all CSOs in the water and environment sector



Facilitate learning and sharing amongst CSOs



Promote partnerships and collaboration between CSOs and other stakeholders

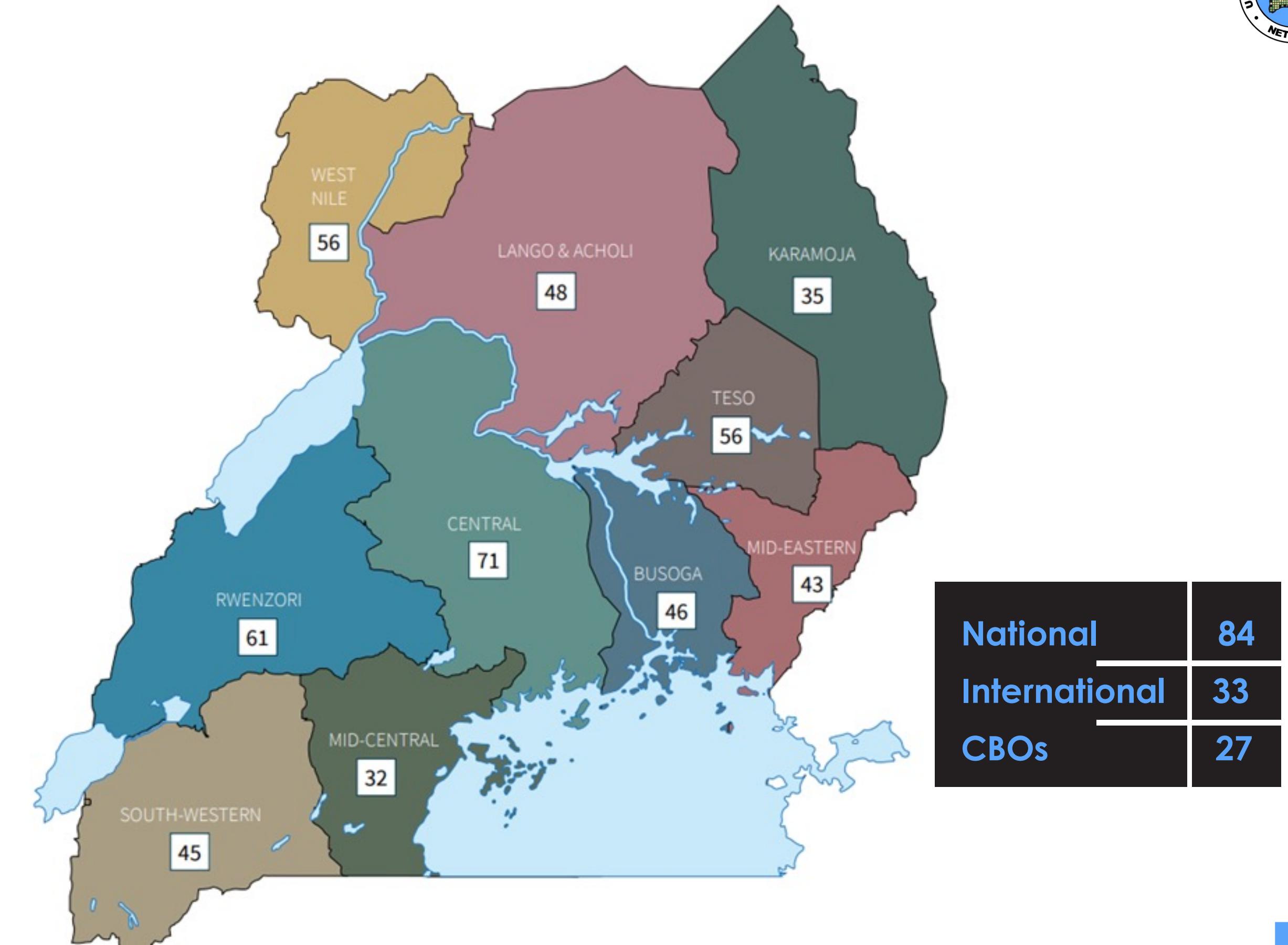


Document the work of CSOs in the sector

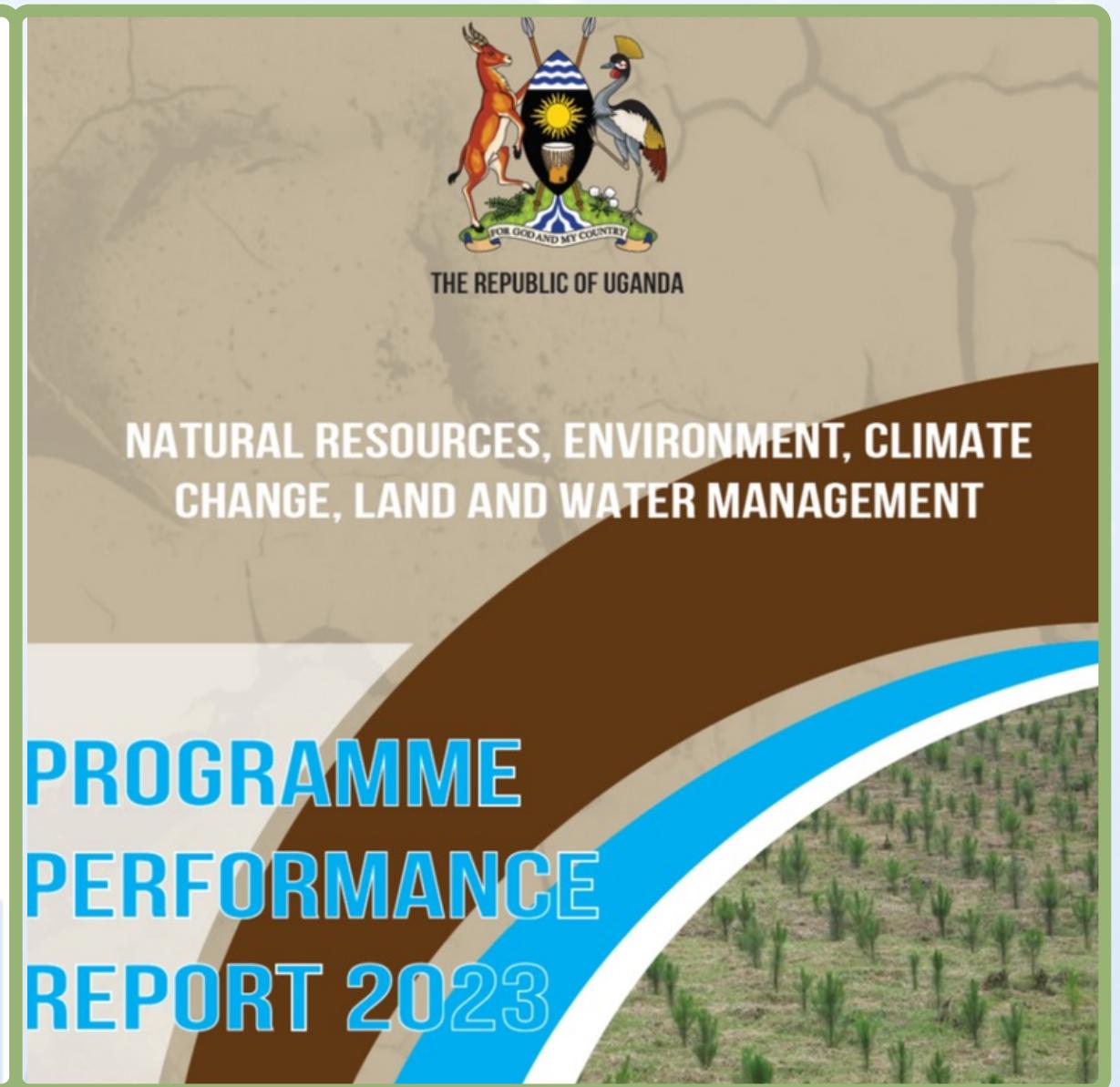
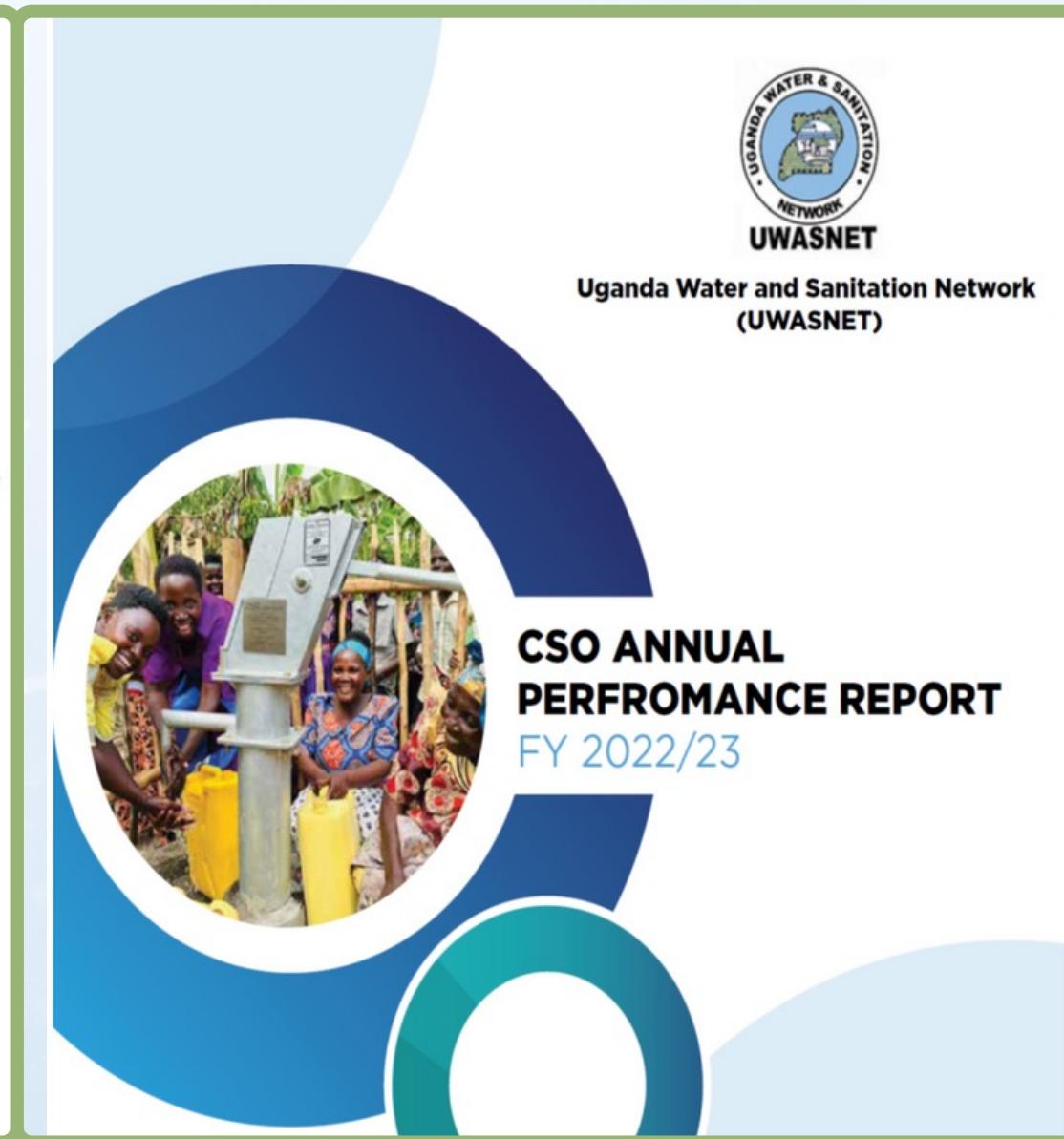
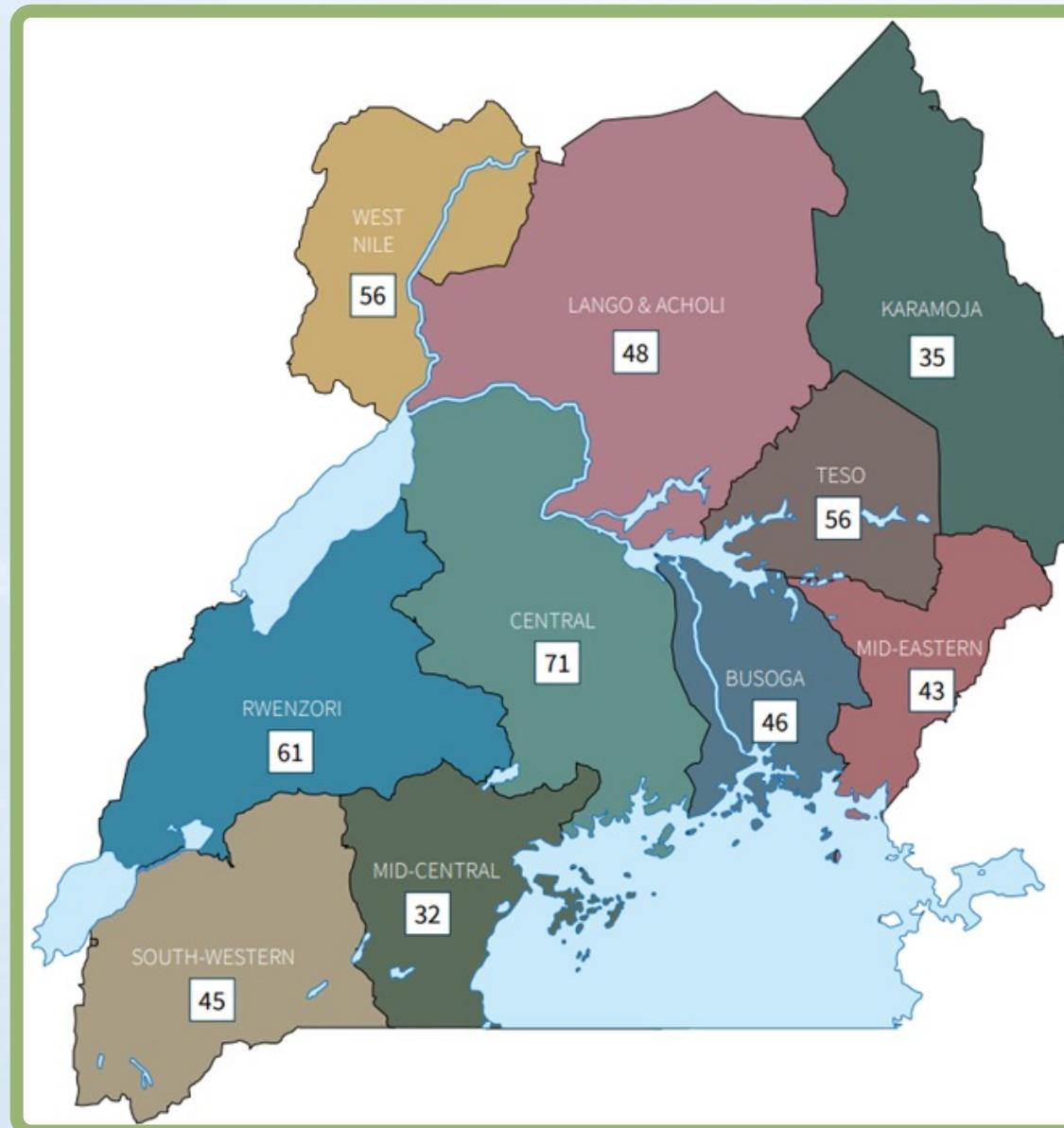


Strengthen CSOs' contributions to the sector

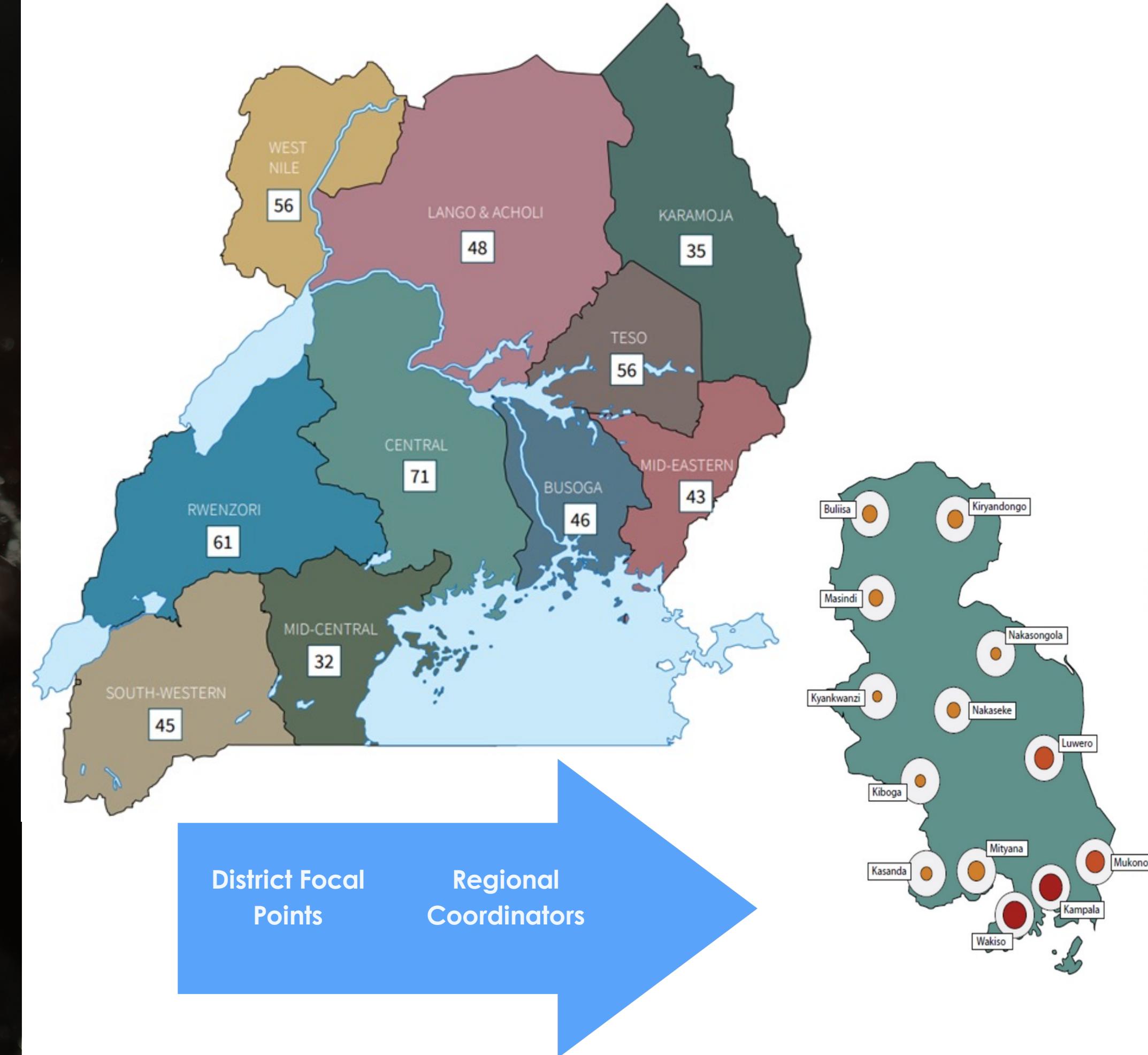
# UWASNET REGIONAL STRUCTURE AND MEMBERSHIP PER REGION



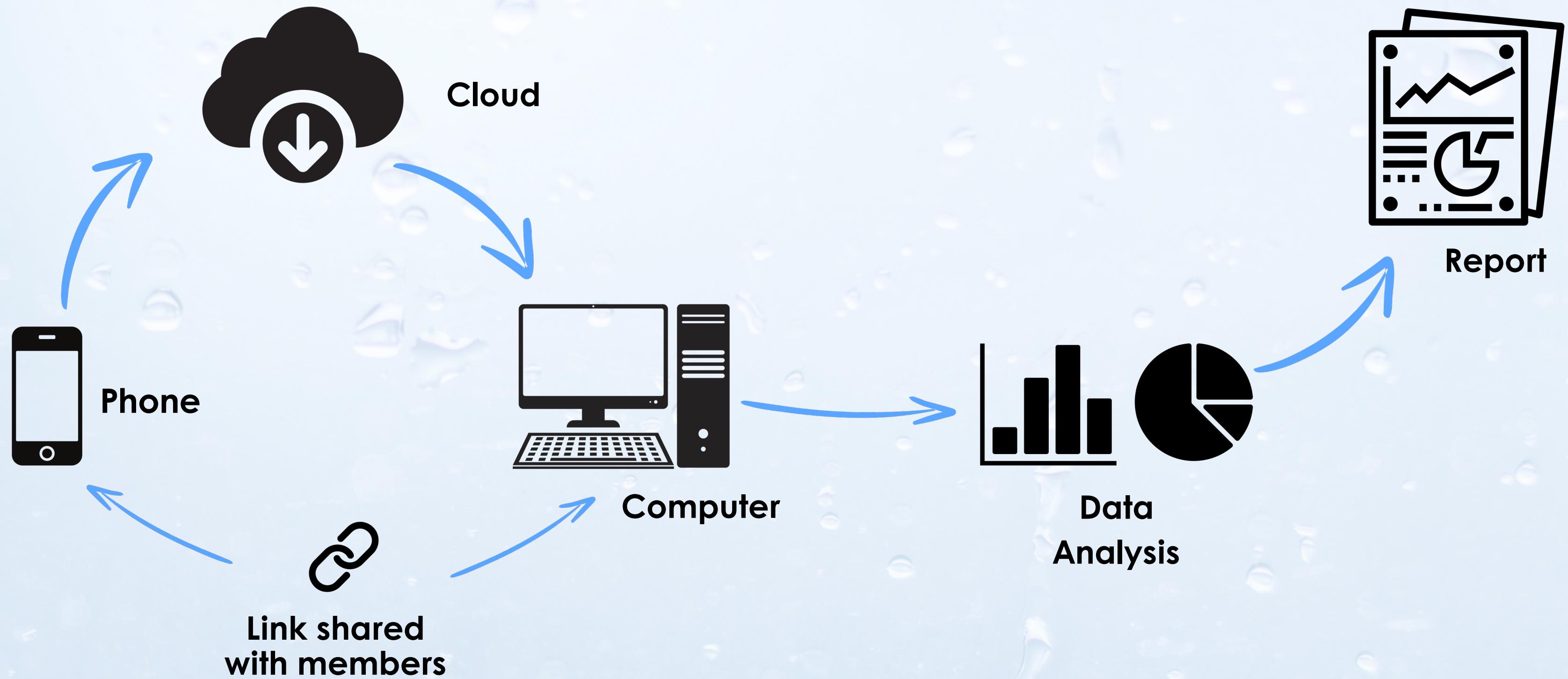
# UWASNET PARTNERSHIPS IN WASH DATA



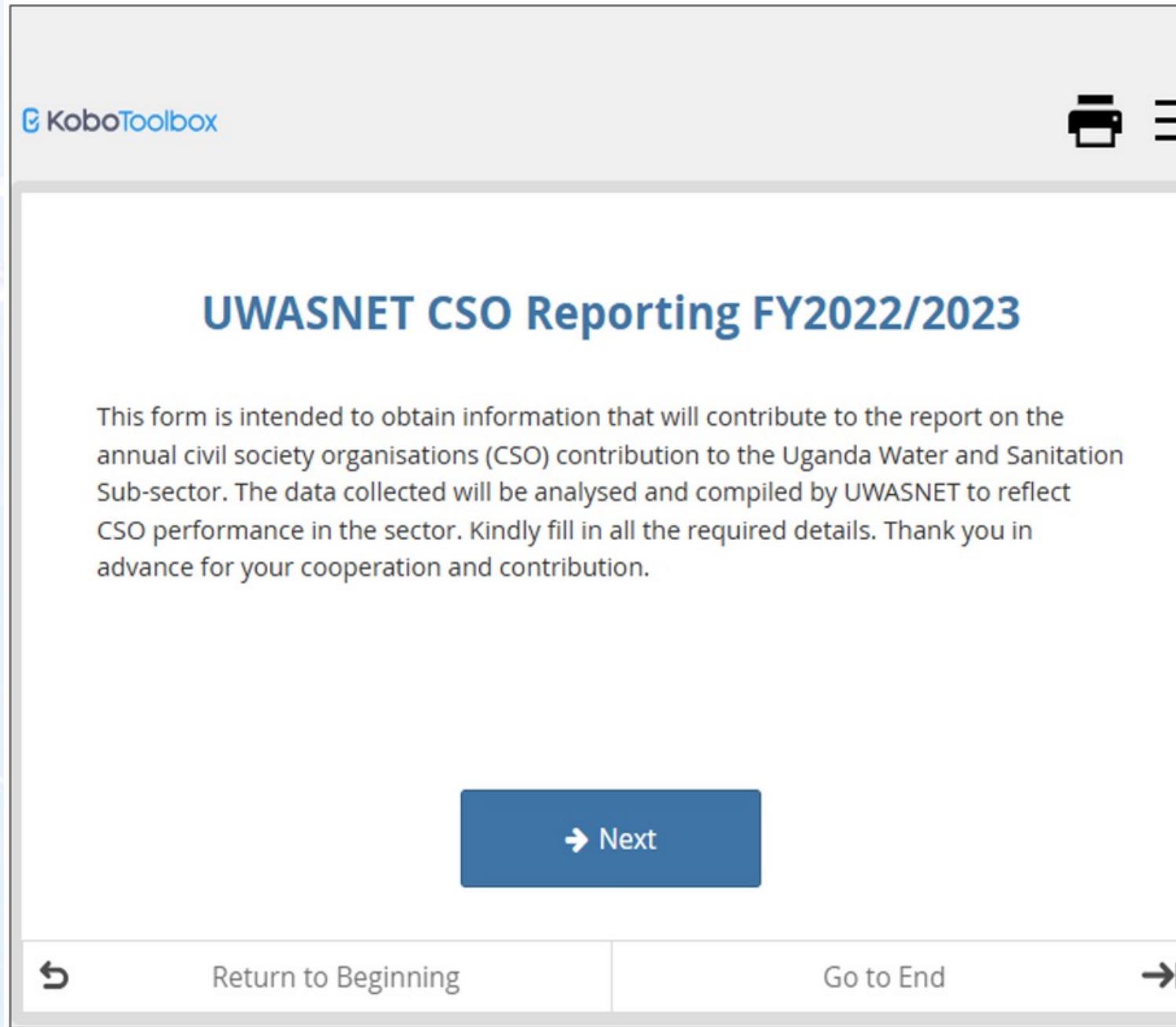
# UWASNET WASH CSOS DATABASE



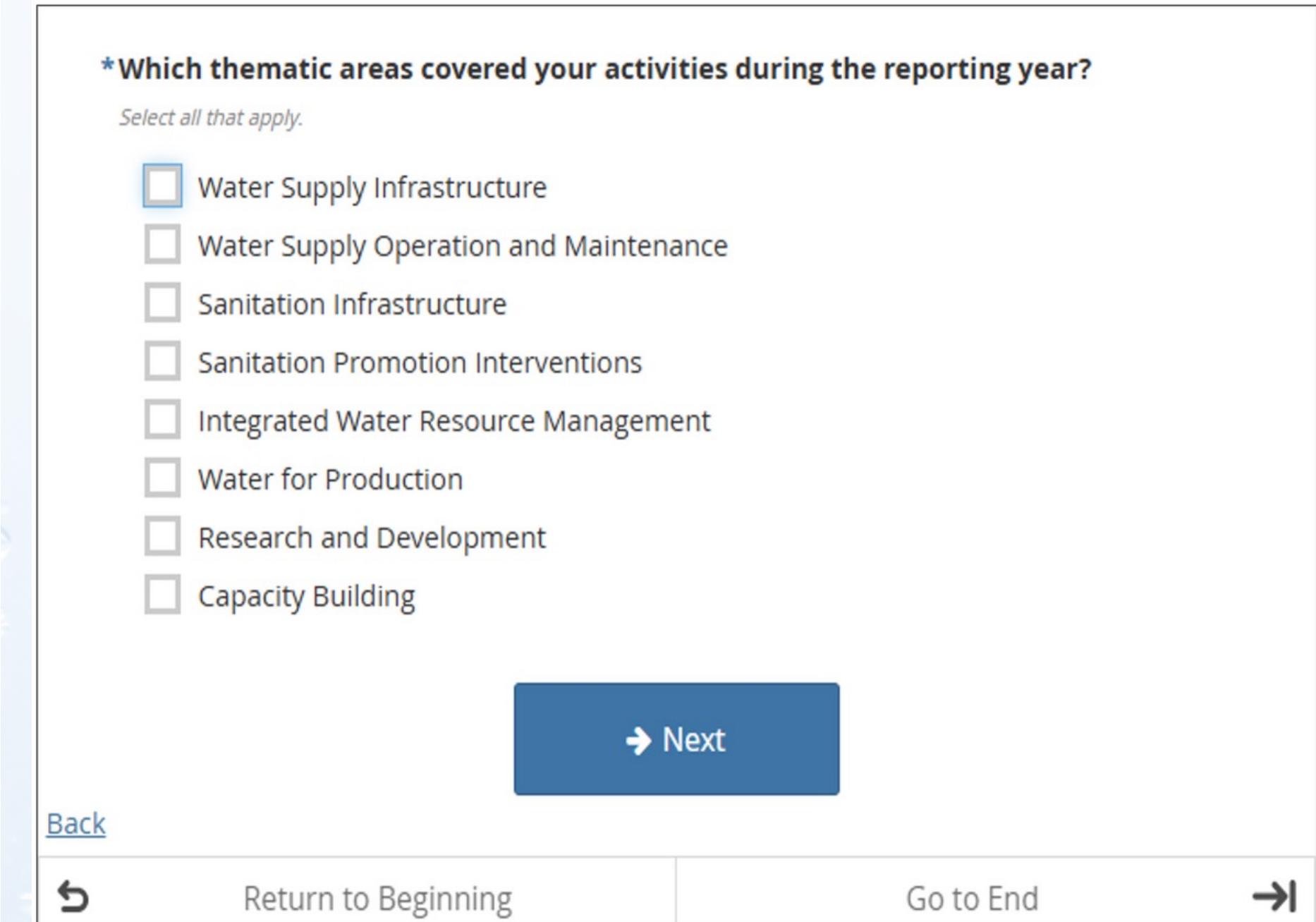
# ANNUAL WASH CSO REPORTING KOBOTOOL



# CSO REPORTING THROUGH KOBOTOOBOX



The screenshot shows a KoboToolbox survey interface. At the top left is the KoboToolbox logo. On the right are icons for printing and saving. The main title is "UWASNET CSO Reporting FY2022/2023". Below it is a descriptive text: "This form is intended to obtain information that will contribute to the report on the annual civil society organisations (CSO) contribution to the Uganda Water and Sanitation Sub-sector. The data collected will be analysed and compiled by UWASNET to reflect CSO performance in the sector. Kindly fill in all the required details. Thank you in advance for your cooperation and contribution." A "Next" button is at the bottom right of the first section. Navigation buttons "Return to Beginning" and "Go to End" are at the bottom.



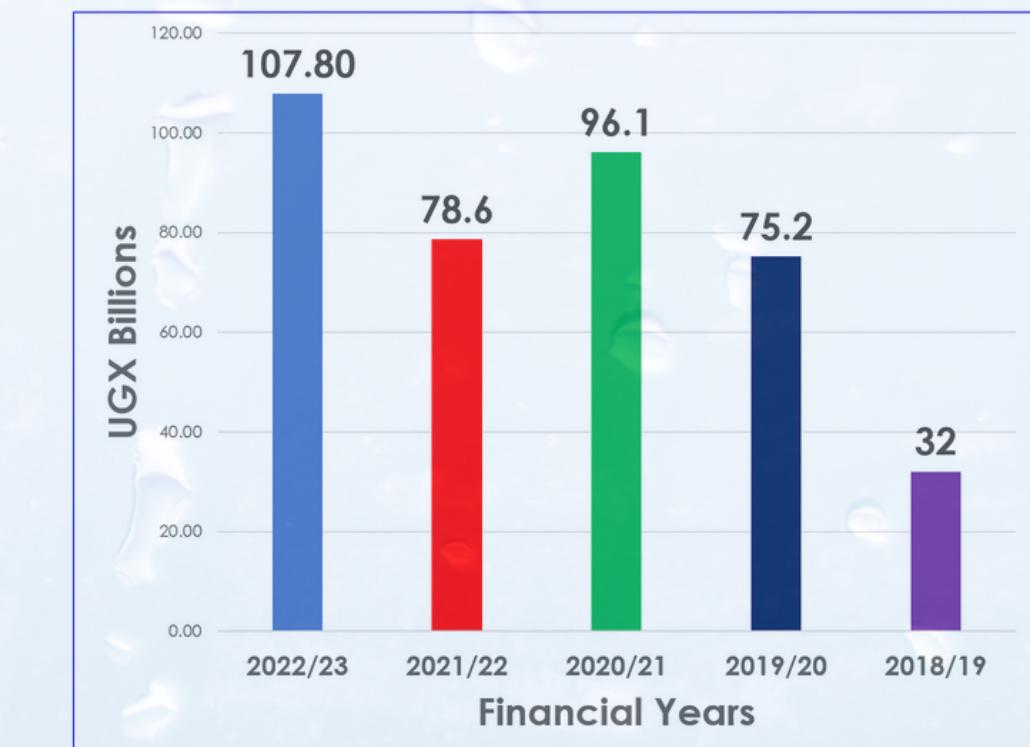
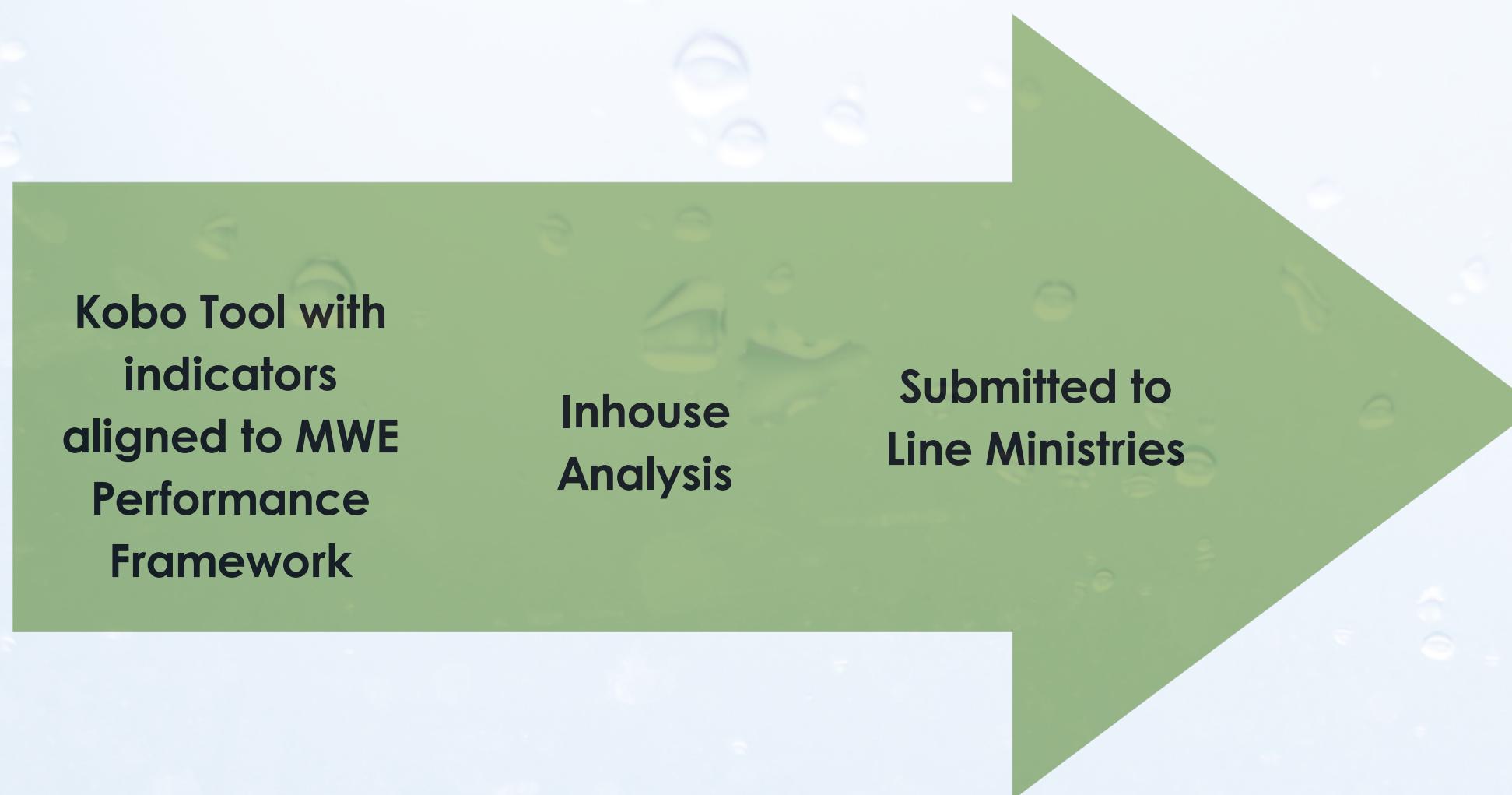
**\*Which thematic areas covered your activities during the reporting year?**  
*Select all that apply.*

- Water Supply Infrastructure
- Water Supply Operation and Maintenance
- Sanitation Infrastructure
- Sanitation Promotion Interventions
- Integrated Water Resource Management
- Water for Production
- Research and Development
- Capacity Building

A "Next" button is at the bottom right of the question. Navigation buttons "Back" and "Return to Beginning" are on the left, and "Go to End" is on the right.

Indicators well aligned to PIAP indicators

# ANNUAL WASH CSOS PERFORMANCE REPORT



# CONTRIBUTION TO OVERALL NATIONAL ASSESSMENT OF WASH SDG TARGETS





Thank  
You

A large, stylized black cursive font "Thank You" is positioned on the right side of the image. To its left, a simple black stick figure with arms and legs is shown from the waist up, with one arm raised in a waving or gesturing motion.

Plot 475M, Butabika Road, Luzira,  
P.O. Box 33396,  
Kampala, Uganda.



[ngocoord@uwasnet.org](mailto:ngocoord@uwasnet.org)



[www.uwasnet.org](http://www.uwasnet.org)

# BASEflow

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# Partnerships for an Improved WASH Data Ecosystem

*A Malawi Case Study*

*Muthi Nhlema, Team Leader*

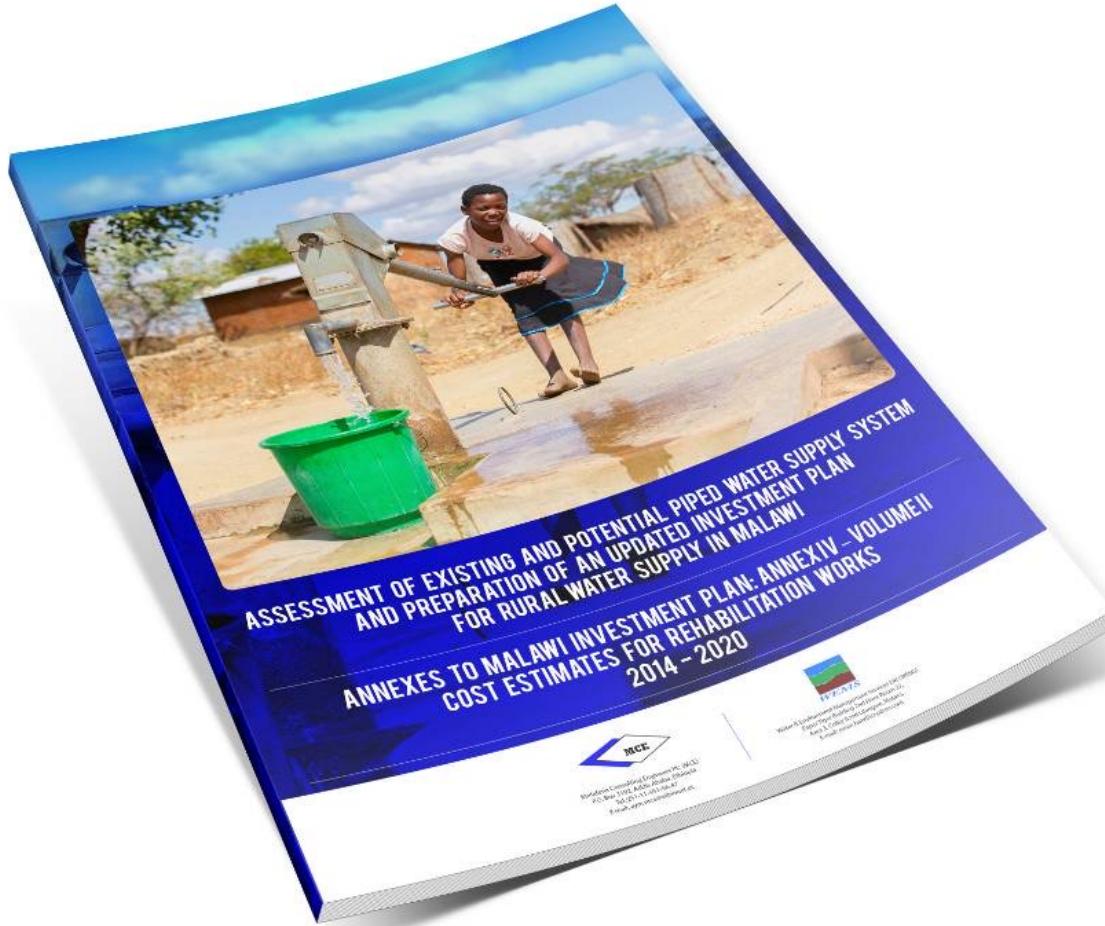
[muthi@baseflowmw.org](mailto:muthi@baseflowmw.org)

# Profile

- **Name:** Muthi Nhlema
- **NGO:** BASEflow
- **Website:** [baseflowmw.org](http://baseflowmw.org)
- **Social Media:** Twitter, FaceBook, LinkedIn & YouTube
- **Mission:** Improve the sustainability of groundwater resources for rural population to access clean drinking water
- **Strategic Area:** Improving WASH data governance for informed data-driven decision-making



# The WASH Data Challenge



# The Initiative



- Using the data management system, mWater
- Train 354 government enumerators
- Map the following rural-based assets:
  - ✓ Communal water points
  - ✓ Latrines within 100 meters
  - ✓ Waste pits within 100 meters
- Institutionalize the WASH database within Ministry of Water and Sanitation

# The Partnerships



The Scottish  
Government  
Riaghaltas na h-Alba



BASEflow



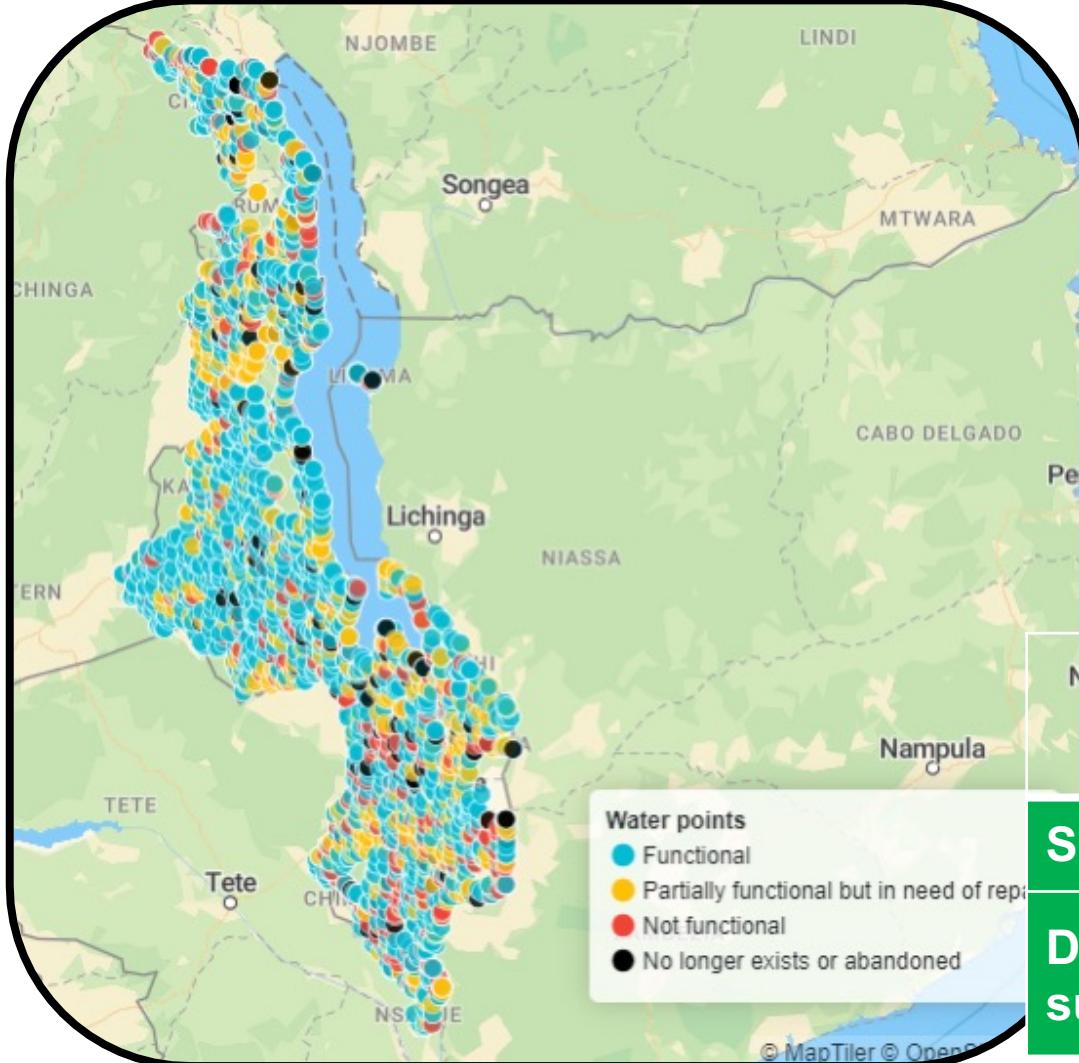
World Vision



Scottish  
Water  
Always serving Scotland



# The Result



Availability  
Reliability  
Access  
Environment  
Management

Water Points	Pit Latrines
Surveys	123,774
Data per survey	67
	307,273
	22

# Key Enablers



- **Shared goal** for a harmonized management information system for the water sector
- **Clear roles and responsibility** to facilitate accountability e.g. ground logistics separate from data quality control
- **Leveraged individual strengths** and experience for effective implementation
- **Adaptive management** approach was adopted to adjust to emerging lessons and challenges e.g. change data quality checks



# Key Challenges

- **Unexpressed expectations** = premediated resentments i.e. locus for capacity building within government
- **Implicit assumptions** about *institutional nature* of government's attitude to open data culture principles (shaped by past experiences)
- **External reluctance** from NGOs to collaborate with this existing efforts resulting in duplication and waste (*competition*)

**Enable data-driven decision-making to strengthen state institutions**

**Strengthen state institutions  
to enable data-driven  
decision-making.**

**EVOLUTION OF PARTNERSHIPS!**

# Q&A

Facilitated by  
Nicolas Dickinson

# Next steps

- Continue the conversation with people you meet here today
- Follow us on LinkedIn for updates @WASHWeb
- Join WASHWeb and openwashdata at our World Water Week event, either in-person or online
- Thank you for your participation!

The background features a large, abstract graphic composed of overlapping circles. It consists of several large, solid blue circles and several smaller, solid white circles. The circles overlap in various ways, creating a dynamic and layered composition.

Thank you!