



2019 8th REGIONAL african water LEAKAGE SUMMIT
 DBSA Vulindlela Auditorium, Midrand, Gauteng,
 South Africa, 28 - 29 August 2019

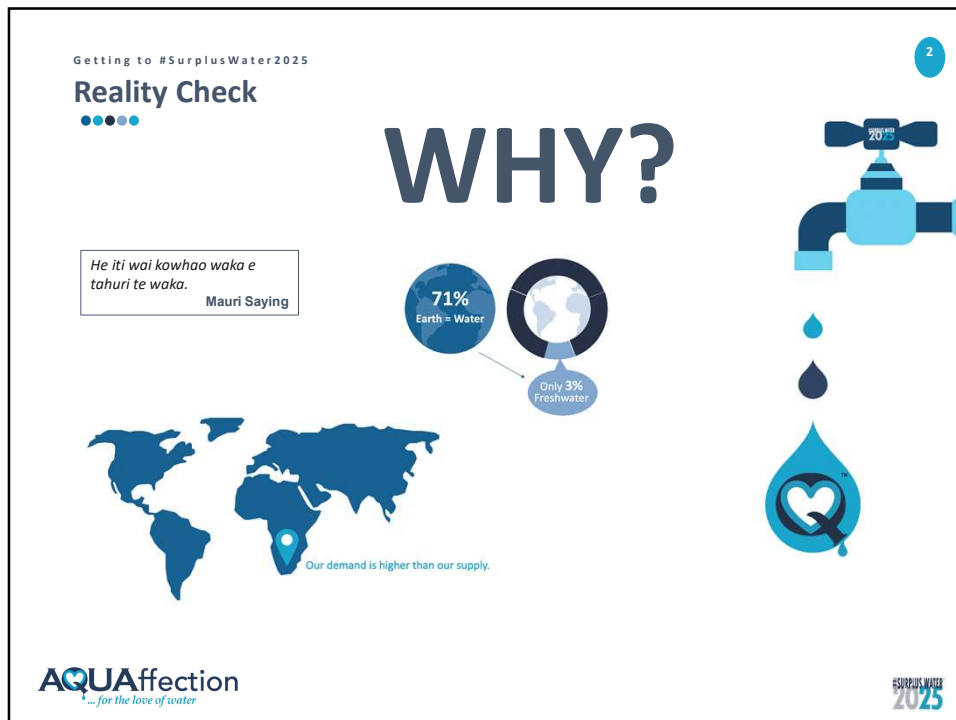
#SURPLUS WATER 2025

Getting to #SurplusWater2025
 Presented by: Gerrie Brink,
 AQUAaffection

Participating and supporting organisations:



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Reality Check

He iti wai kowhao waka e tahuri te waka.
 Mauri Saying

WHY?

71% Earth = Water
 Only 3% Freshwater

Our demand is higher than our supply.

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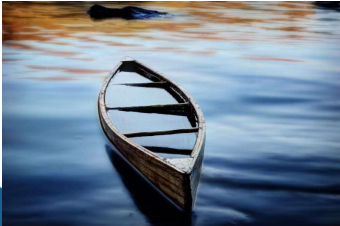
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Reality Check

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WHY?

A little water seeping through a small hole may swamp a canoe.
Mauri Saying




Our demand is higher than our supply.



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2025 – Shortage or Surplus?

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Water shortage – very intimidating thought.

VUCA-world

Volatile	“characterized by or subject to rapid or unexpected change”
Uncertain	“indefinite – not reliable – not constant – unpredictable”
Complex	“a whole made up of complicated or interrelated parts”
Ambiguous	“doubtful or uncertain – capable of being understood in two or more possible senses or ways”



What is our intention to save water and electricity?
Do I think of water as a human right or a precious privilege?

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Solutions?

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WHAT?

Where do we start?

The infographic shows a central vertical pipe with several branches leading to different water sources. The branches are labeled as follows:

- Desalination (top left, with a sun and water droplets)
- Other sources (middle left, with a cloud and rain)
- Rainwater harvest (bottom left, with a house and rain)
- Water from air (top right, with a cloud and rain)
- Building more dams (middle right, with a dam and water)
- Boreholes (bottom right, with a well and water)

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Our Suggestion

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Let's work with what we have: start at demand not supply.

The infographic shows a water tap on the left with a magnifying glass over it. A blue box with the text "OPTIMISE EFFICIENCY" is connected to the magnifying glass. The background features a complex network of pipes and water droplets, similar to the one in slide 5.

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DROP by DROP

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HOW?

Keep it simple....



"Simple can be harder than complex: you have to work hard to get your thinking clean to make it simple. But it's worth it in the end, because once you get there, you can move mountains."

Steve Jobs

👍 Awareness, Awareness, Awareness

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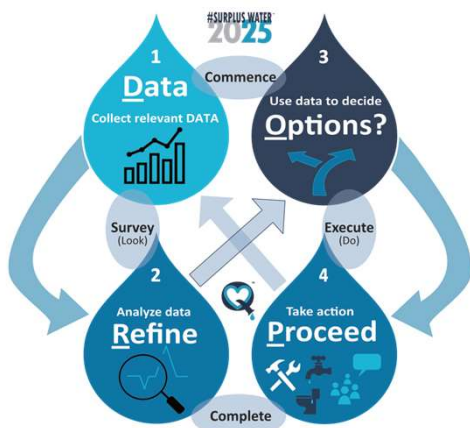
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DROP by DROP

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"The ability to simplify means to eliminate the unnecessary so that the necessary may speak."

Hans Hoffman

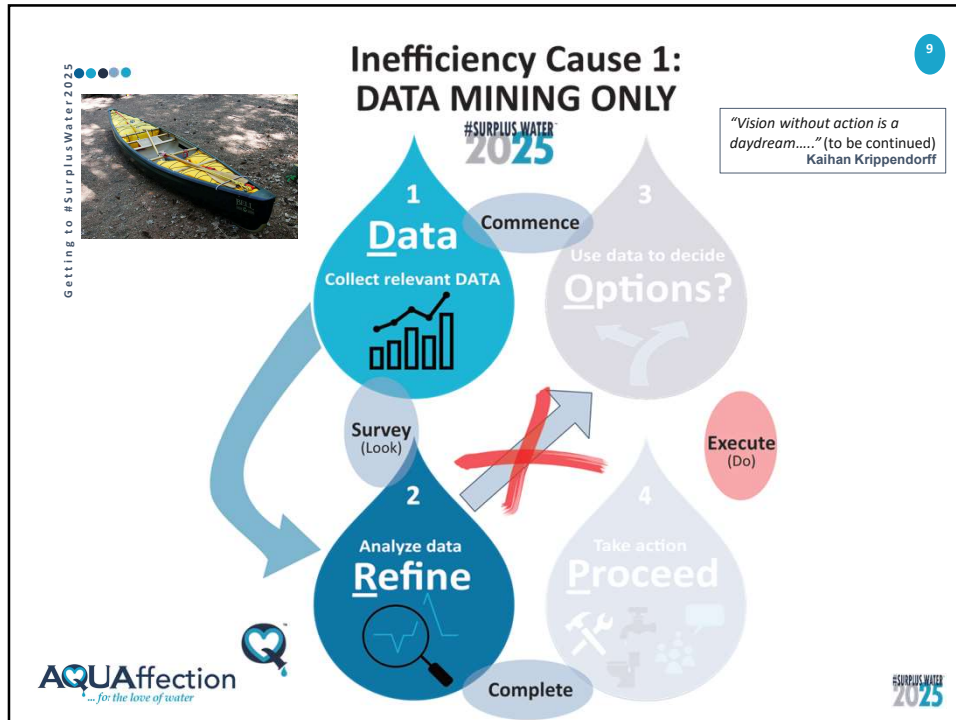


The **DROP** principle follows a basic flow, where it is crucial to first collect the **Data** with monitoring and observation. This information is then analyzed and **Refined**, revealing various **Options** on what to do and where to focus for the biggest impact. Finally we **Proceed** with action to reduce and manage demand. The impact of these actions provide immediate feedback by means of new data acquired, further refining the options for next steps required. This creates a continuous, positive feedback loop, ensuring a sustainable, "drop-by-DROP" lowering in water demand.

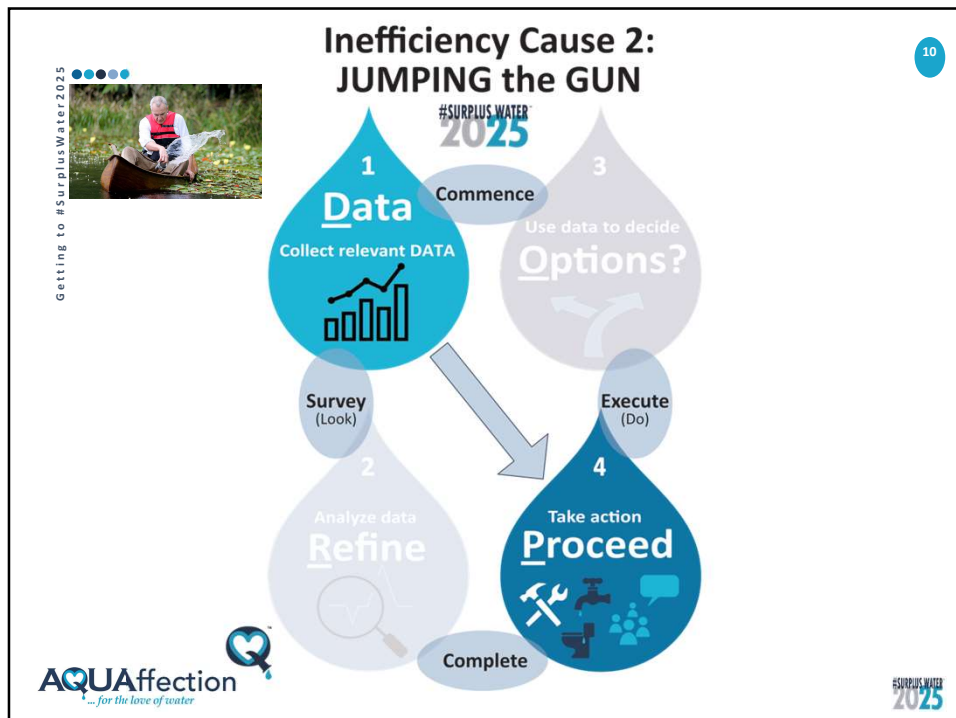
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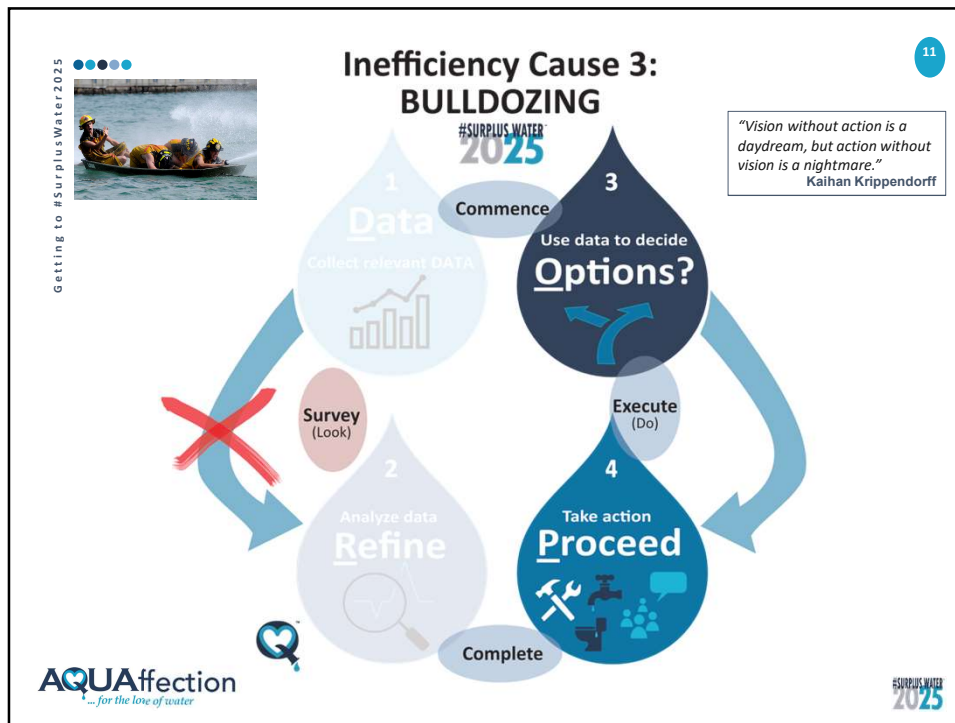
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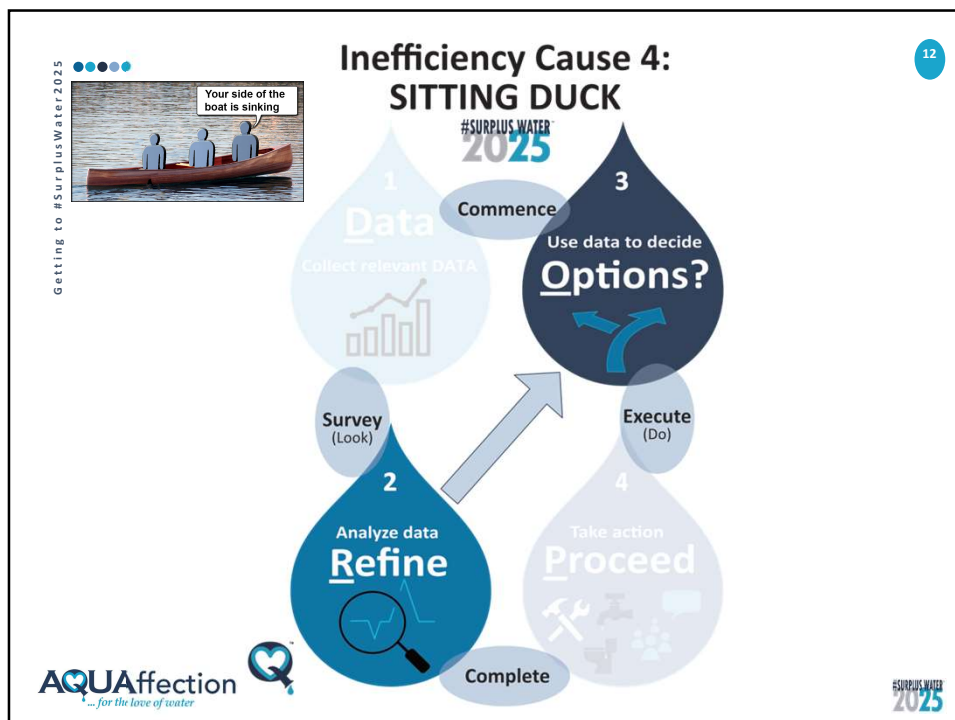
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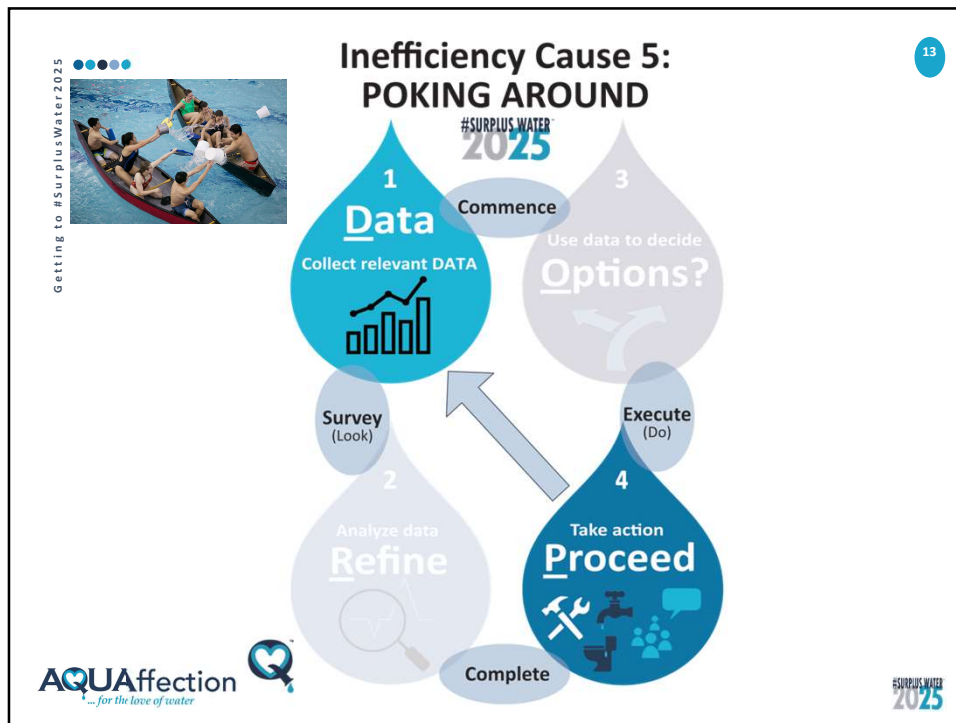
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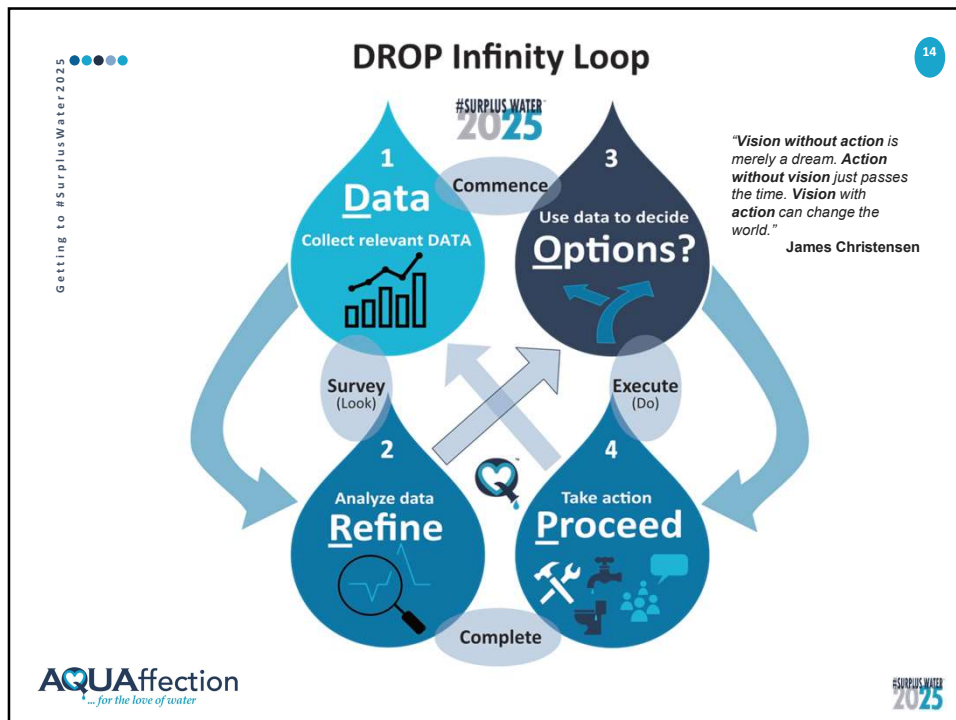
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THANK YOU



“Never doubt that a small group of thoughtful, committed, citizens can change the world. Indeed, it is the only thing that ever has.”
— Margaret Mead



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