

INVITATION

Scaling water reuse in South Africa: What will it take?

Please join us for a roundtable conversation with government and the private sector.

An event hosted by World Bank, City of Cape Town, GreenCape, DBSA, IWA and Nafasi Water.

Date: 17 March 2025

Time: 14:30 - 16:30

Venue: Cape Town International Convention Center

Please RSVP for this event on the link: [CLICK](#)

Please note that you need to be registered as a delegate for the IWA International Conference on Water Reclamation and Reuse to attend.

Event context

Investments in reuse have multiple benefits – they reduce the impact of pollution on the environment, reduce methane emissions, reduce water stress by freeing up water that would otherwise have been used, and increase the reliability of water supplied.

South Africa is a water scarce country and demand exceeds available supply in its key water catchments. Recognizing that reuse has an important role to play in ensuring future water security, South Africa developed a national strategy for reuse in 2011. While reuse opportunities are significant and several larger reuse projects are being planned, investments in reuse are not yet taking place at the scale and pace necessary to have a significant impact on water security.

Key question: What will it take to accelerate investments in reuse in South Africa?

The conversation will take place with reference to two use-cases in a context of city-regional water insecurity and vulnerability to climate change: 1) Industrial reuse, with a focus on Gauteng, and 2) direct potable water reuse, with a focus on Cape Town.

Event purpose

The purpose is to identify specific practical actions to unlock and accelerate investments in reuse in South Africa, responding to the following questions:

- What promising opportunities exist for aggregating industrial reuse as major off-takers of treated effluent from municipal wastewater, and how can these be realized?
- How can South Africa break new ground in consumer perceptions of “new water” (direct and indirect potable reuse)?
- What are the critical constraints to move from project identification through to implementation (planning, design, financing, procurement) and how can these be addressed (policies, legislation, standards, pricing, procurement, financing)?
- Is there anything more that the private sector as financier and solution provider can offer?

Inquiries can be directed to events@green-cape.co.za

Programme

Moderator: Michael Webster, Program Manager, 2030 Water Resources Group (WRG)

Welcome and introductions	GreenCape Soma Ghosh Moulik , Practice Manager for Water - Africa, World Bank
Keynote remarks	
South Africa's commitment to reuse and emerging opportunities	Sean Philips , Director-General, National Department of Water Sanitation (TBC)
Scaling investment in reuse, an imperative for our time	Rochi Khemka , Sr Private Sector Specialist, WRG, World Bank
Roundtable moderated by Michael Webster, WRG Program Manager	
Cape Town's ambition to pioneer direct potable reuse at scale	Leonardo Manus , Executive Director, Water and Sanitation Directorate, Cape Town
Plans to scale industrial wastewater reuse in Gauteng and eThekweni.	Kennedy Chihota , CEO, Ekurhuleni Water Company (TBC) Ednick Msweni , Head: Water & Sanitation, eThekweni Municipality (TBC)
Industrial re-use – some promising opportunities	Suzie Nkambule , CEO, Nafasi Water
Financing water reuse in South Africa	Mojabeng Monyamane , Coverage Head: Municipal Sectors, DBSA
Financing water reuse globally	Thomas Wolf , Principal Engineer, KfW
Global ambition on reuse	Christopher Gasson , Publisher, GWI
Discussion	Facilitated by Michael Webster , WRG Program Manager
Wrap up and closure	Saroj Kumar Jha , Water Global Director, World Bank