

Water for Growth, People and Environment South Africa



Focus Areas

- In late 2011, the 2030 WRG helped establish the SWPN, a multi-stakeholder platform that brings together the government; major water users from the private sector and civil society to identify and develop joint solutions to the country's water challenges. The South Africa 2030 WRG partnership focuses on:
 - **Agricultural water**
 - **Municipal water**
 - **Mine water**
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The Challenge

- Based on South Africa's growing population, economic growth projections, and current efficiency levels, the country could have a water deficit of up to 3.8 billion m³ by 2030 – a 17 percent gap between water supply and demand.
- The agricultural sector in South Africa accounts for 60 percent of water demand. Of this water, 35 percent is lost in the river and canal conveyance system.
- An estimated 37 percent of the water in South Africa's municipal systems is non-revenue water. This means it is "lost" – through leaks, theft, or metering inaccuracies – before it reaches customers. This water is worth more than 7 billion South African rand (\$500 million) annually.
- The major drought in 2015/16 – the worst experienced in 30 years – has placed water firmly on the national agenda.

Results and Outcomes

Agricultural water

- The SWPN supported the development and roll out of a water administration system. The system reduces the freshwater used in large irrigation systems.
- The second phase of the project is under way, adding six more irrigation schemes to the existing four using the WAS.

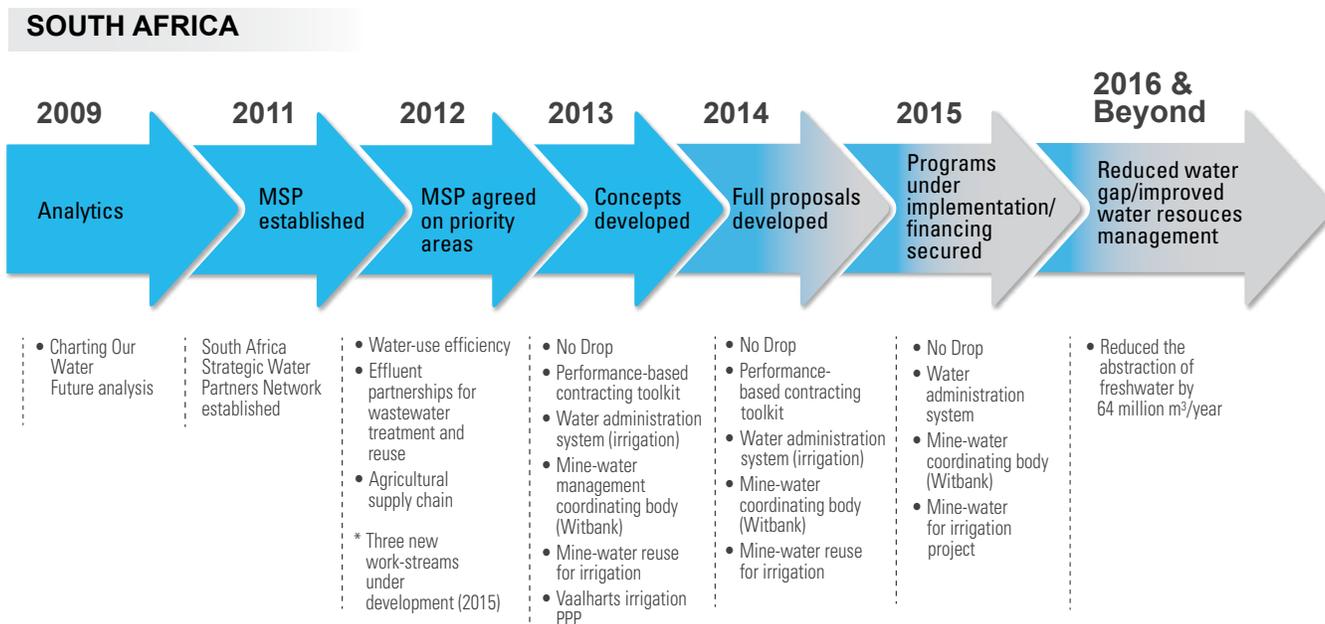
- To date, the initiative has reduced freshwater abstraction by 64 million m³ per year in six irrigation schemes, representing 3% of the national water gap. The program has a big potential for scaling up.

Municipal water

- The SWPN developed the No Drop Scorecard and Strategy to assess each municipality's water usage and incentivize them to reduce municipal leakages. All major municipalities are implementing the system, with practical support from the No Drop project, which is in its third phase.

Mine water

- The SWPN has successfully created a mine water coordinating body for the mining-intensive and water-scarce Witbank area. It has also partnered with Anglo American to conduct a pilot mine water irrigation project, currently under way, with support from other mining companies and the University of Pretoria.



Who We Are

The 2030 Water Resources Group is a unique public-private-civil society collaboration. We facilitate open, trust-based dialogue processes to drive action on water resources reform in water stressed countries in developing economies. The ultimate aim of such reforms and actions is to close the gap between water demand and supply by the year 2030.

Our Mission

If countries maintain a business-as-usual approach to managing water, we can expect a 40 percent gap between fresh water supply and demand by 2030. Our mission is to help countries achieve water security by facilitating collective action between government, private sector and the civil society.

Contact

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