

#SDGs:

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in collaboration with

LuWSi

Lusaka Water Security Initiative

"For a Healthy and Prosperous City"



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Kafue Water Treatment Works, Kafue

A GROWING WATER CRISIS

Lusaka's demand for water, estimated to be over 600,000m³ per day, significantly outstrips supply from the Kafue River and groundwater. The Kafue River is threatened by climate change, land use degradation, and abstractions from agriculture and hydropower, as well as pollution from the mining industry.

Prolific borehole drilling is increasingly causing the city's groundwater levels to drop rapidly, particularly in dry seasons. In 2014, reports suggest almost half the boreholes in the city temporarily dried up. Groundwater is also becoming heavily contaminated due to industrial pollution, lack of solid waste management and insufficient sanitation.

Much of the 75% of Lusaka's population living in peri-urban areas are drinking this water untreated. Water and sanitation infrastructure and services are woefully inadequate and new investments do not match the pace of urbanisation, in a city predicted to double in population in the next 15 years.

Water shortages are also increasingly common, caused by a series of droughts and power deficits. This causes both communities and businesses to suffer, and large companies are considering relocating out of the city to

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areas with better water sources.

Despite these challenges, many water users and public authorities/agencies aren't in a position to respond in a coordinated and resilient manner. The health and prosperity of Lusaka is fully dependent on its water secure future. And this can only be achieved through effective multi-stakeholder collaboration amongst public sector, private sector, civil society and international actors.

WHAT IS LuWSI?

LuWSI is a multi-stakeholder collaboration system inspired by and working toward the vision of "water security for all to support a healthy and prosperous city". LuWSI's mission is to strengthen multi-stakeholder collaboration to safeguard Lusaka's water resources while enhancing the sustainable and timely access to water and sanitation for all. At its core, it is a partnership between public sector, private sector, civil society and international actors.

Partners engage in inclusive dialogue and collective leadership, collaborating on analysis and knowledge generation, advocacy and awareness raising, planning



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Strategy development workshop, July 2016

and project development, and capacity building.

It focuses on five action areas:

- Groundwater pollution prevention through resource protection and improved sanitation
- Sustainable groundwater exploitation
- Sustainable water management in the Kafue River Basin
- Access to water supply and sanitation services in an expanding city
- Urban flood risk management

LuWSI's STRATEGIC APPROACH

- Help different actors realise synergies, while pooling their resources and respective capacities to develop powerful partnerships for win-win solutions
- Provide the space for partners to discuss, harmonise and synchronise their work encouraging more holistic approaches and cross-partner learning.
- Mobilise new forces to accelerate the delivery of more tangible and sustainable results – long-term improvements in water security cannot be achieved without effective collaboration.

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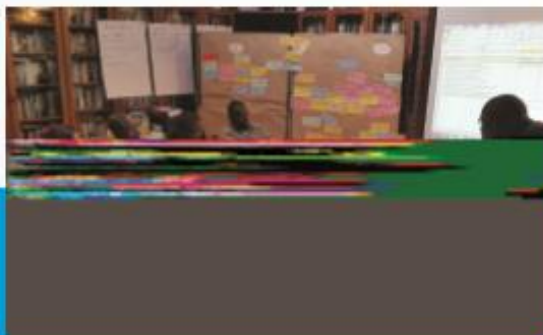
IMPLEMENTING THE SDGs

LuWSI directly supports the implementation of SDG 6 (access to water and sanitation for all), SDG 8 (sustainable economic growth) and (resilient and sustainable cities), through innovative public, private, civil society collaborative approaches promoted at the heart of SDG 17 (partnerships for the goals).

EXAMPLE PROJECT: WELLFIELD PROTECTION PROJECT

Lusaka Water and Sewerage Company's (LWSC) critical borehole sites (wellfields) are under pressure from encroachment, pollution and over abstraction, threatening the water supply for residents and businesses. Through LuWSI, LWSC has mobilised a partnership between GIZ, the Water Resources Management Authority, Lusaka City Council, Ministry of Lands and the Professional Landscapers' Association of Zambia to support them to develop the Wellfield Protection Project.

The Project will transform two of LWSC's most strategic wellfields into community managed recreational areas to protect them, while supporting WARMA to legally gazette the surrounding areas to restrict polluting activities. This will help to improve water security for over 80,000 people, while creating income generating activities and recreational facilities for local communities.



Project development workshop, Chaminuka, April 2016

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PUBLIC SECTOR PARTNERS



PRIVATE SECTOR PARTNERS



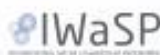
CIVIL SOCIETY PARTNERS



INTERNATIONAL PARTNERS



FUNDING PARTNERS



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With coaching and facilitation from:

