

WATER

NKRA MINISTRY
Ministry of Water

SUPPORTING MINISTRIES
Prime Minister's Office - Regional
Administration and Local Government

OVERVIEW

The Water National Key Result Area (NKRA) aims to provide 30.6 million rural Tanzanians with access to clean water by 2015/16, reaching an overall coverage of 67% of the rural population from a baseline of only 40%. The three-pronged approach focuses on developing the necessary structures and instruments required to hasten access to water.



3-YEAR TOPLINE TARGETS

- 1 67% rural population** receiving clean water
- 2 30.6 million rural Tanzanians** provided access to clean water
- 3 100% Operations & Maintenance costs covered** by tariff collection

67% WATER COVERAGE

1 PROJECTS

Extend Coverage of Existing Infrastructure
Connect villages to underutilised dams and tee-offs from Lake Victoria pipelines

Rehabilitate Degraded Infrastructure
Rehabilitate or replace obsolete, leaking and dysfunctional pipes and water pumps

New Infrastructure Projects
Completion of WSDP Phase 1 projects and other new water schemes

2 OPERATIONS & MAINTENANCE

Finance Programme
Mitigate the problem of insufficient funding

Technical Programme
Create district Centres of Excellence to improve technical aspects of rural water delivery

Capabilities Programme
Address shortage of resources with technical skills

Process Programme
Enforce the establishment of COWSOs to resolve problems associated O&M

3 ENABLERS

Streamlined & Integrated Data Management | Improved and Optimised Procurement | Performance Management and Improved Delivery | Improved Delivery Capability



2.36 Million Rural Tanzanians Gained Access to Clean Water Through BRN Projects (compared to previous track record of 300,000 - 500,000 people annually)

This was achieved through the following initiatives:

i Coverage Extension of Existing Infrastructure

This initiative aims to connect villages to underutilised dams and tee-offs from Lake Victoria pipelines that has the capacity to serve up to 1.5 million people in the rural areas.

KEY ACHIEVEMENT

20 water points completed through extension projects

ii Rehabilitation of Degraded Infrastructure

This initiative aims to rehabilitate or replace obsolete, leaked and dysfunctional pipes and water pumps.

KEY ACHIEVEMENT

974 non-functioning water point infrastructures successfully rehabilitated



iii New infrastructure Projects

This initiative aims to complete the Water Sector Development Programme Phase 1 projects including the 10 Village Programme and other new water schemes.

KEY ACHIEVEMENT

8,458 new water points completed

iv Procurement Improvement and Optimisation

This initiative aims to improve procurement processes to maximise the cost effectiveness of water projects and improve resource utilisation to ensure timely delivery of projects.

KEY ACHIEVEMENT

68% of water construction projects procured within

97 days

compared to the previous duration of 210 days



TRANSFORMATION IN WATER ADMINISTRATION IS CHANGING PEOPLE'S LIVES

Gertrude Mapunda Kihunrwa, a Social Development Adviser with the U.K.'s Department for International Development (DFID), sees a transformation underway in Tanzania's water sector as well as the vast amount of work still needed to deliver water to rural population.

The Water NKRA, she says, has built on activities that were already being carried out under the WSDP. What BRN has done, she says, is drive the progress forward from several

angles. Stakeholders have had to review the design of the programme, re-prioritise activities and improve on the work culture and processes.

"There has been a lot of unblocking," she says, noting the need to tackle the challenges that result in delays. In the area of procurement, there has been ongoing effort to review existing contracts and speed up recruitment of suitable experts. When it comes to accountability, performance management has been a key focus in transforming

the work culture.

The changes thus far have been encouraging. "I see improvement every day," she says. "People for the most part are committed to making change. They are enthusiastic, working and delivering," she adds.

Ms. Kihunrwa has no rose-coloured view of the work still ahead. "We are still at the early stages," she says, adding that a recurrent budget and a mechanism to monitor performance are paramount. However, she sees real potential

for change. Where Water NKRA activities have been successful, the results are inspiring. "The places we go where water has become available... you see vibrancy. Small towns emerge from rural villages," she says. The effects of a reliable water supply are far-reaching - clean, safe water helps in poverty reduction, hygiene and sanitation, and therefore public health. On the whole, she says, "People's lives change."

Gertrude Mapunda Kihunrwa
Social Development Advisor, DFID, Dar es Salaam

OPERATIONS & MAINTENANCE Community Owned Water Supply Organisations (COWSOs)

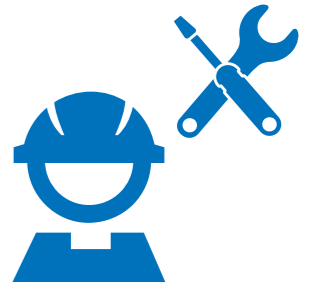
KEY ACHIEVEMENTS

235

COWSOs were established to manage the respective community's water supply and address issues faced by the rural water sector such as lack of spare parts, monitoring and evaluation as well as managing procurement processes at the community level.

64

technicians were trained and deployed to address the shortage of skilled local engineers and technicians to provide technical support in the maintenance of water supply infrastructure.



ENGINEERS CAN HELP TO DELIVER WATER

"No country develops without engineers," says Eng. Goyagoya Mbenna, who since 2011 has been Principal Water Engineer at the Ministry in the Department of Rural Water Supply. He has spent much of his time reviewing and advising on water projects across the country. As part of the Ministry's efforts to increase efficiency, Eng. Mbenna has been reworking much of the project design that preceded him, from

identifying technical faults to renegotiating contracts with consultants.

Under the Water NKRA, Eng. Mbenna has experienced positive change in work processes and in the attitude of the engineers. "There is an understanding that we need to move fast. There is a sense of patriotism emerging," he says. Their commitment and discipline are what he finds encouraging despite challenges in the sector.

Working with regional and district engineers,

he has observed a level of practical experience, and has been looking for new engineers who are genuinely dedicated to the profession.

"They have to be tough," says Eng. Mbenna. Working on the ground can involve going to rough and remote areas to find water sources and do surveys. He encourages young engineers not to focus on material things and good times, but to strive to become true specialists, learn all aspects of engineering, and do practical work.

Eng. Mbenna believes not only in the need to "transfer practical knowledge" to engineers, but also to continue urgent review of water projects. He is confident that the Water NKRA has accomplished what it has for this reason. Looking ahead, he cautions that in order to maintain progress made and also move the sector forward, the focus must be on quick action, value for money and quality of work, principles that are key to BRN.

Eng. Goyagoya Mbenna

Principal Water Engineer, Ministry of Water - Department of Rural Water Supply

Streamlined & Integrated Data Management

This initiative aims to enhance accountability and oversight to plan improvements to the water system through a streamlined and integrated database.



KEY ACHIEVEMENT

An analysis of the integration set up has improved the development and usage of the **Management Information System (MIS) and Water Point Mapping System (WPMS)**