



Kenya Water, Sanitation and Hygiene (K-WASH) Program

GCA through AAAP is providing technical assistance (TA) to the World Bank Group (WBG), which is supervising the Government of Kenya's implementation of the Kenya Water, Sanitation, and Hygiene Program (K-WASH). GCA's support focuses on strengthening climate resilience in county water sector planning, investment prioritization, and capacity building. K-WASH is a US\$458m hybrid operation combining a US\$250m Program-for-Results (PforR) WBG Investment Project Financing that includes \$50m under the window for host communities and refugees. The program includes counterpart funding of US\$200m from the Government of Kenya, and US\$8 million is to be leveraged from commercial financing by participating WSPs.

Adaptation Need

Although 91% of Kenya’s urban population has access to improved water, only 63% of the rural population does—and just 19% have access to piped water supply. Rural counties face rising climate risks—floods disrupt wastewater treatment, pose contamination risks for water sources and damage water and sanitation infrastructure, while prolonged droughts exacerbate water scarcity. Counties often lack the tools, access to relevant climate data, and technical capacity to assess climate risks and integrate adaptation into planning and infrastructure design. Strengthening county-level planning systems and the financial performance of WSPs is essential to ensure K-WASH investments are sustainable, inclusive, and climate resilient.

GCA’s Added Value

GCA is supporting county governments to embed climate risk assessments and adaptation planning into County-wide Water and Sanitation Strategies and Investment Plans (CWSSIPs). GCA is conducting capacity-building workshops to ensure that county officials gain technical expertise in identifying and addressing climate hazards in future. GCA is directly supporting Tana River and Murang’a counties to develop detailed Climate Risk and Vulnerability Assessments (CRVAs) under a 2050 high emission scenario (SSP5-8.5), guiding six additional counties to do the same, and ensuring that all CWSSIPs are climate risk-informed. GCA is also developing a catalogue of locally appropriate nature-based solutions (NbS) and hybrid options, such as wetland buffers and recharge trenches, to be integrated into county planning frameworks.

Total Investment Value Influenced

\$250.00M

Beneficiaries

4.00M

IFI Implementation period

2023

Program

Water and Urban

Partners

World Bank

Status

In progress

Countries



SDG contribution



PROJECT GOALS

Mainstreaming Adaptation and Resilience

GCA's support aligns with the PforR's Disbursement-Linked Indicators (DLIs), including approval of climate-informed CWSSIPs grouped by Result Areas. This approach provides counties with a financial incentive to integrate climate risk-based siting, design, and prioritization of water and sanitation investments into their CWSSIPs, embedding climate resilience in implementation. To build long-term capacity, GCA is delivering a Climate-Resilient Water Services (CRWS) Masterclass for public officials. The program uses a training-of-trainers model to build skills in climate risk analysis, investment planning under uncertainty, and NbS design. Peer-to-peer exchanges between counties and relevant water and sanitation institutions will help embed climate adaptation into sector planning, regulation, and service delivery nationwide.

Expected Outcomes

Outcomes influenced by GCA's support:

Increased sustainable access to improved water and sanitation services for households in climate-vulnerable rural areas in selected counties (including refugee hosting counties): GCA's support to CRVAs and CWSSIPs helps counties prioritize

investments in underserved and high-risk areas, including refugee-hosting counties. The CRWS Masterclass equips stakeholders with tools to integrate resilience into service design, supporting the project's goal of reaching 4 million people with sustainable and inclusive WASH services. GCA interventions will strengthen the operational sustainability of water service providers by equipping them with tools, data, and strategies to manage climate risks. The guidance provided in the development of Countywide Water and Sanitation Strategies ensures that climate considerations are embedded into planning and operational frameworks. Improved sanitation facilities constructed or rehabilitated which better incorporate climate risks and resilience into their design.

TIMELINE

GCA Support Status

Technical Assistance Preparation

GCA Support Implementation

December, 2023

GCA Support Completion

Monitoring

FINANCE

Total Investment Value
\$250.00M

IFI INFLUENCING
VALUE

\$250.00M

OTHER INFLUENCING
VALUE

\$208.00M

IFI partners

World Bank

Lead contact

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GENERAL MEDIA INQUIRIES

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REQUEST FOR INFORMATION

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