ACCESSIBLE SANITATION & WATER SERVICES TO LOW INCOME URBAN COMMUNITIES
COUNTRY CONTEXT

Ghana has experienced strong and sustained economic growth over the last years, translating into substantial socio-economic improvements. Ghana was also one of the first Sub-Saharan Africa countries to achieve the Millennium Development Goal (MDG) of halving poverty, hunger, and population without access to improved water sources by 2015.

Economic growth has been accompanied by rapid urbanization, in particular in the Greater Accra Metropolitan Area. According to the 2010 Census, 51 percent of the 24.7 million Ghanaians are living in urban areas compared to 44 percent in 2000. The Greater Accra Metropolitan Area (GAMA), which spreads across eleven Metropolitan/Municipal Assemblies (MMAs), is home to over 3.6 million people.

The provision of basic services however has not kept pace with the rapid growth of GAMA and it is particularly affecting people living in low-income, areas where entire families are crowded in single rooms in “compound” houses that usually lack basic sanitation and water services, or have inadequate facilities. As a result, most urban poor have to rely on water vendors and the use of public toilets, which significantly affect their economy and their quality of Life.

Fragmented approach towards environmental sanitation in the GAMA has led to poor - if any - levels of access to environmental sanitation services. GAMA therefore faces serious challenges throughout the environmental sanitation chain: beginning with the limited access to toilet facilities, limited wastewater and septic sludge collection and transportation, lack of operational wastewater and sludge treatment facilities, inadequate solid waste collection from low-income areas, and absence of adequate solid waste disposal facilities.
PROJECT DEVELOPMENT OBJECTIVES (PDO)

The objective of the project is to increase access to improved sanitation and improved water supply in the GAMA, with emphasis on low income communities and to strengthen management of environmental sanitation in the GAMA. To achieve these objectives, the project is supporting the following:

1. The provision of community water points, household water connections and toilet facilities to people in low income areas, which would require expansion and improvements of the water distribution network as well as of the waste collection, treatment and disposal services; and,

2. The provision of technical assistance to improve the planning, implementation and management of environmental sanitation services in an integrated manner. Behavior change campaigns on hygiene, sanitation and safe water will also be promoted through social mobilization activities, as well as social accountability and regulation to ensure the sustainability of facilities and services.

PROJECT BENEFICIARIES

The project will benefit at least 250,000 people living in low income communities within GAMA, who will gain access to improved sanitation and water service; Population of GAMA in general, will benefit from improved planning, implemental sanitation services and decreased population.

PDO LEVEL RESULTS INDICATORS

- People provided with access to “improved water supply” under the project;
- People provided with access to “improved sanitation services” under the project;
- Share of households in the low-income communities benefited under the live in;
- Volume (mass) of BOD pollution loads removed by the treatment plants supported under the project.
PROJECT DESCRIPTION

The project is supporting the GoG’s efforts to increase access to improved water supply and sanitation services in the GAMA, with emphasis on low income communities, improved planning, implementation, and management of environmental sanitation. The project is developing approaches to improve sanitation systematically across whole communities, rather than the pilot interventions which have predominated to date, and which cannot readily be scaled up without major outside assistance.

The project is also helping to lay the foundation for a coordinated approach towards the provision of sanitation and water supply services to Low-Income Urban Communities (LIUCs) and the development of environmental master plans for the GAMA using existing institutions.

Technical Assistance (TA) is being provided to Municipal, Metropolitan and national institutions, including the promotion of private sector initiatives. TA is also being provided to enhance development of social accountability mechanisms to ensure proper operation and maintenance, which is essential for the provision of services and their sustainability.

The project is focusing on priority Low Income Urban Communities (LIUCs) proposed by MMAs to benefit from gaining access to sanitation and water. The proposed LIUCs have to pass the “low income” test, which is 75% of households live in a single room and 75% of the households do not have access to improved sanitation. Overcrowding is used as a key proxy for “low income” status, together with lack of access to improved sanitation.

Output Based Aid funding is included to bridge the financial gap between demand and supply in LIUCs and to support good Operation and Management (O&M) of sanitation facilities by MMAs. TA for this activity has been provided by GPOBA and funding for the actual implementation has been made available. This coordination allows harmonization and strengthens the capacity of existing institutions to ensure sustainability.
PROJECT COMPONENTS

Component 1
Provision of environmental sanitation and water supply services to priority low income areas of the GAMA (US$31.5 million).

The objective of this component is to increase access to environmental sanitation and water supply services in low income areas of the GAMA with a strong focus on liquid sanitation (excreta disposal). The MMAs proposed priority low income communities to benefit from the project based on agreed selection criteria including population density, environmental health conditions, and degree of access to alternative sanitation and water services. The type and level of sanitation facilities, services and water supply is identified and agreed with each community through a participatory process.
Component 2
Improvement and expansion of the water distribution network in the GAMA (US$48.1 million). The objective of this component is to improve and expand the water distribution network in order to provide piped water to the targeted people living in low income communities in the GAMA. The investments include the installation of transmission mains, booster pumps and any other facilities required to ensure that water reaches the targeted low-income areas. This is being done within the context of an integrated water supply master plan funded by the project. This component would also support the acquisition and installation of water meters and other equipment, as well as the provision of services, aimed at improving water demand management.

Component 3
Planning, improvement and expansion of GAMA-wide environmental sanitation services (US$34.0 million). The objective of this component is to develop integrated GAMA-wide plans for liquid and solid waste management and drainage, and to finance critical elements to improve collection, treatment and disposal of wastewater and septic sludge. The treatment facilities will be sized to handle existing and newly generated waste flows that currently end up untreated in drains, or directly discharged into the sea. Investments supported by this component include:

i. large septage treatment plants being planned for the GAMA, as well as small treatment plants at the community level, where no other options are available;

ii. rehabilitation of dysfunctional local sewerage and wastewater treatment system identified as priorities under the liquid waste master plan; and (iii) assessment of greenhouse gas capturing potential for wastewater and septage treatment plants and solid wastes landfills, with a view to obtaining climate change funds to support the operation and maintenance costs.

Component 4
Institutional Strengthening (US$20.1 million). This component is providing technical assistance (TA) to municipal, metropolitan and national institutions, including the promotion of private sector initiatives. It is also supporting the development of social accountability mechanisms aimed at applying pressure on those responsible for the services to ensure they are properly operated and maintained. Therefore, this component is essential to ensure the provision of sanitation and water services and especially their sustainability. Interventions include both infrastructure and the development of local service providers and oversight mechanisms. This Component also includes the development and implementation of a hygiene and sanitation behavior change campaign targeted at low-income households, and a major learning and dissemination effort aimed at informing a large-scale institutionalized approach to upgrading sanitation in low-income communities.
STATUS OF IMPLEMENTATION (2019)
HOUSEHOLD TOILETS

18,363 Toilets Constructed in GAMA
136,328 Beneficiaries
STATUS OF IMPLEMENTATION (2019)
COMPONENT 1B

SCHOOL TOILETS
Total - 406
258 - Completed
148 - 94% Completed
STATUS OF IMPLEMENTATION (2019)
DRAINAGE CONSTRUCTION

Eliminatad Flooding at Mallam Junction
STATUS OF IMPLEMENTATION (2019)
WATER SUPPLY

5,050
Low income household connected.
GAMA SWP HOUSEHOLD TOILET LEAGUE TABLE FOR TWELVE ASSEMBLIES

28th FEBRUARY, 2019

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<tr>
<th>MMA</th>
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<tr>
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<tr>
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**TOTAL 18,363**

Total number of Household Toilet Constructed = 18,363