

# Integrated Urban Water Management Study Tour

Ghana



# Background



- ▶ The Greater Accra Metropolitan Area (GAMA) consisted of 2 Metropolitan and 9 Municipal Assemblies (Local Governments) till March 2018.
- ▶ Currently, there are 2 Metropolitan and 18 Municipal Assemblies.
- ▶ Accra is the administrative capital of Ghana.
- ▶ The GAMA has an estimated population of 4.4 million out of a national population of 29.6 million (growth rate 3.5-3.9%).
- ▶ GAMA occupies 3,245 square km and stretching 225 km along the gulf of Guinea (Atlantic Ocean).



# Challenges

- ▶ **Rapid population growth and urban sprawl and emerging informal settlements.**
- ▶ **Topography and Geological Challenges.**
- ▶ **Inadequate and obsolete infrastructure.**
- ▶ **Encroachment on waterways and fragile ecologies like wetlands and lagoon basins especially by the vulnerable and deprived communities.**
- ▶ **Poor sanitation and waste management resulting in dumping of solid and liquid waste in drainage and public space.**
- ▶ **Weak urban governance, weak institutional collaboration and implementation capacity.**
- ▶ **Poor land administration and management.**



# Opportunities

- ▶ Several Legislative and administrative reforms are underway. These include reforms in:
  - ▶ Spatial Planning and Management with emphasis on territorial and program integration and collaboration,
  - ▶ Land Policy and Administration reforms,
  - ▶ Local Government reforms to empower capacity joint territorial and inter-sectoral collaboration, and empowerment for enhanced capacity and human resource improvement
- ▶ Creation of a new and dedicated Ministry for Sanitation and Water Resources to bring issues of WASH into focus,



# Opportunities *cont'd*

- ▶ Capacity building for the various MMDAS in waste management and enforcement of bye-laws,
- ▶ Privates Sector participation is being encouraged as well as collaboration with the Academia and CBOs and NGOs
- ▶ Rainwater harvesting and construction of ponds and dams
- ▶ Studies in early warning and meteorological services.
- ▶ Environmental sanitation master-planing exercise, to be financed through existing Bank financed operation, the Greater Accra Sanitation and water Project.



# Key Stakeholders

- ▶ 16 Metropolitan, Municipal and District Assemblies (Local Authorities)
- ▶ Central Government Agencies and Departments (e.g. EPA, Ministry of Roads, Ministry of Sanitation and Water Resources, MESTI, NADMO)
- ▶ Academia and Research Institutions
- ▶ Traditional Authority
- ▶ Civil Society and Community Based Organisations
- ▶ Development Partners, (World Bank, AFD, Dutch, SECO, GIZ, AfDB...)
- ▶ Private sector.

# Current Bank Projects

- ▶ **Greater Accra Metropolitan Area Sanitation and Water Project;**
  - ▶ The project development objective 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 (TTL - Sanyu Lutalo).
- ▶ **Output Based Aid Sanitation Project**
  - ▶ The project development objective is to increase access to improved sanitation for low income urban communities in the GAMA by partially subsidizing the cost to access new and sustainable toilet facilities and desludging services (TTL - Sanyu Lutalo).
- ▶ **Sustainable Rural Water and Sanitation Project**
  - ▶ The project development objective of the Project is to expand access to, and ensure sustainable water supply and sanitation services in rural and small-town communities in six regions of Ghana. This include provision of institutional toilets, behaviour change communication and support for household toilets, provision of boreholes fitted with handpumps for rural communities and mechanized boreholes for small towns (TTL - Emmanuel Nkrumah).

# Pipeline Project

## ► Proposed Greater Accra Resilience and Inclusive Development Project

- The proposed project will be the first phase of a Multiphase Programme Approach. The project development objective of the first phase of the MPA is to improve **flood and solid waste management**, and provision of **public services to targeted vulnerable communities** within Odaw Basin of Greater Accra Region. This includes the **dredging of the Odaw Channel**, **flood warning systems**, **community based solid waste interventions**, **construction of transfer stations for solid waste**, **community infrastructure upgrading** in selected communities and metropolitan governance (TTL - Asmita Tiwari and Yan Zhang).
- Effective implementation/**capacity of key implementing institutions**; Collaboration between **4 Ministries and up to 7 Local Governments**.
- Land acquisition major challenge. Need to resolve land tenure issues.
- Improving flood mitigation when there is encroachment and land is expensive and the main channel flows through the city centre.





# Relevant Analytical Activities

- ▶ Preparation of Environmental Sanitation Masterplan for Greater Accra Metropolitan Area
- ▶ A Study of the Institutional, Policy, Financial and Legal Aspects of the Water and Sanitation Sector of Ghana
- ▶ A study into the creation of a metropolitan governance structure (Joint Development Planning Authority/Board) to oversee cross jurisdictional infrastructure and services in the Greater Accra Metropolitan Area

***THANK YOU!***