



M.GhE
BSc (Civil Eng.), Postgrad
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- MICHAEL BOTSE-BAIDOO, CHIEF MANAGER, PROJECT PLANNING AND DEVELOPMENT
- Employed with GWCL for 25 years and risen from an Assistant Engineer through to Chief Manager in charge of Project Planning & Development
- GWCL is a state-owned sole urban water supplier
- Urban Water Supply has mainly eighty-six (86) water systems in operation countrywide.
- The total water production from these treatment plants is 758,500m³/day (167 MGD)
- The total water demand (Domestic, Industrial and Commercial) is 1,309,373m³/day (288MGD)
- There is currently a Supply – Demand gap of 550,873m³/day (121MGD) (major challenge translating to opportunities for investors)
- High Non Revenue Water calling for technological innovations and efficiency improvements



Political Map of Ghana, West Africa





CHALLENGES / OPPORTUNITIES

(necessary actions being taken to overcome)

1. Restoring 50 water supply systems to its installed capacity – **involving multilaterals**
2. Expanding the production capacity of water supply systems to meet universal coverage by 2025 in line with set targets of the SDGs (2030) – **deploying PPP models**
3. Reducing Non revenue water / Strengthening the existing distribution network – **Innovations through PPPs & IGFs - smart metering, electronic billing and payment**
4. Extending distribution pipelines on an annual basis to meet the annual population growth – **IGFs & DACFs used**
5. Undertaking periodic and routine maintenance of the existing systems to ensure the sustainability of the investments - **IGFs**



*Thank
you*



*GWCL
SAYS...*