**CASE STUDY: GHANA**

The Global Water Center is the convening leader and project manager with the government of Ghana and 16 partner organizations to transform the safe delivery of water in Ghana, while providing:

1. **a path** to professional technical careers for Ghana’s youth and
2. **a template** for 30 other African countries.

**THE PLAN:**

The Commission for Technical and Vocational Education and Training (CTVET) regulates, promotes and administers technical and vocational education and training for sustainable development in Ghana.

The CTVET plans to:

- Develop a standards-based **Water Curriculum Initiative** to fill the growing demand for water technicians.
- Develop **levels of certification** to equip students with the skills and experience to work within the water value chain.
- Introduce the curriculum in **30 other African countries**.

**OUTCOMES:**

The vocational training program will be available as a part of the tuition-free education that Ghana offers to young citizens.

Local communities will have local, certified water professionals to install, maintain, repair and monitor water projects. Estimates are 100-150 students, plus training of trainers, so as many as 200 people impacted commencing 2023, scaling exponentially each year as more schools + labs are open.

**THE PROBLEM:**

- 8 million Ghanaians are without potable water.\(^1\)
- More than 26% of rural water systems are non-functional.\(^2\)
- 1 in 3 Ghanaians ages 15-24 are unemployed.\(^3\)

**THE OPPORTUNITY:**

Working-age adults need to be equipped with the skills and experience to be professionals within the water value chain, **enhancing the long-term sustainability of water systems**, while providing **opportunities for employment**.

**PHASE 1**

- **08.2022 – 02.2023**: Design of two technical curricula
- **03.2023**: CTVET approval and adoption into technical & vocational schools in Ghana
- **05.2023**: Pilot with lab + Training of Trainers (ToT)
- **07.2022 – 12.2023**: Pilot and batch courses

**PHASE 2**

- **01.2024 +**: Open Enrollment

**PHASE 3**

- **09.2024**: Launch four additional schools with labs and ToT

**BASE COST**

- **per country incl. 1 lab** = $248,000
- **Maintenance cost per country for 4 years** = $1,895,240
- **Scaling cost per country incl. 4 labs** = $331,240

**TOTAL INVESTMENT**

- Seeing sustained water education across the African continent is $58,752,440.00

**PARTNERS:***

**COLLABORATORS:**

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