



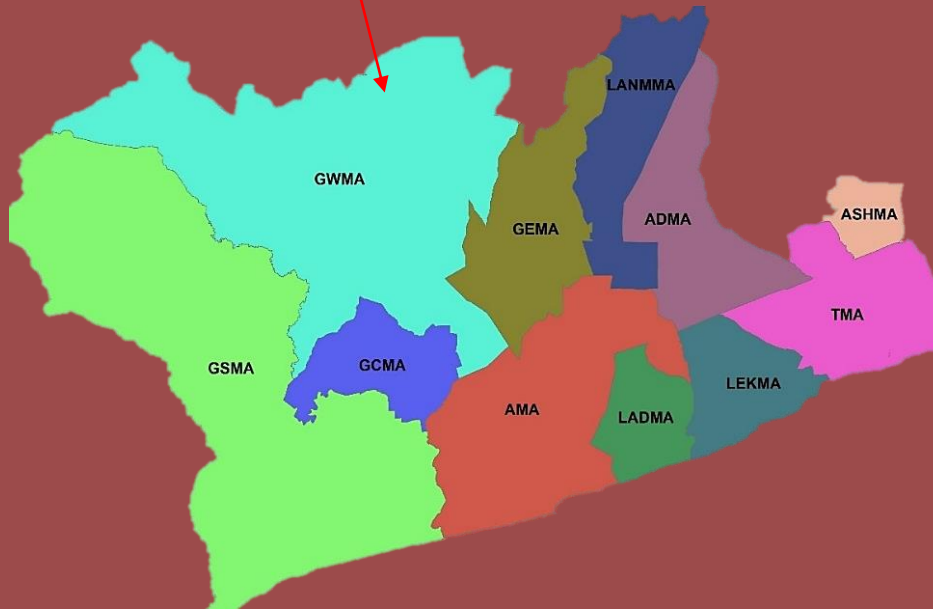
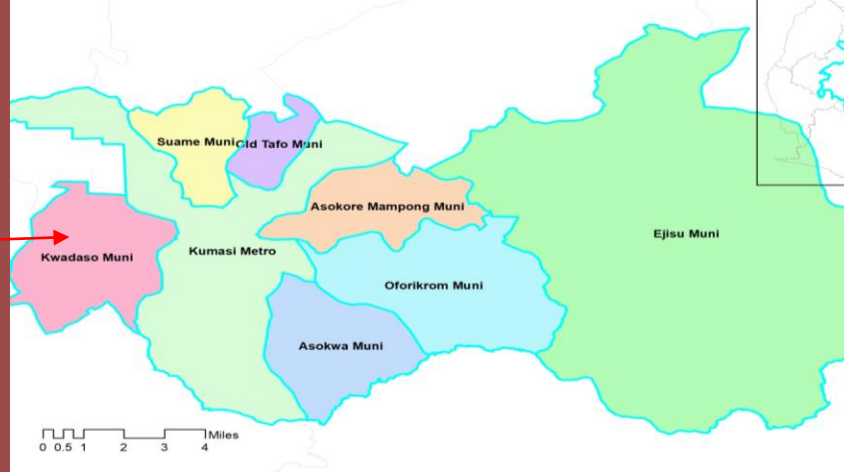
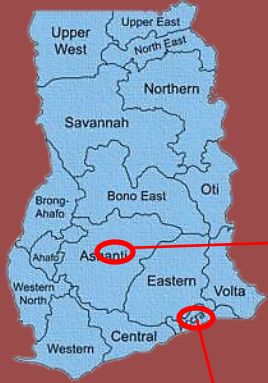
# Unresolved Challenges with Urban Sanitation Delivery in Ghana: Case of GAMA SWP

By Kwadwo Antwi Gyasi – MSWR/GAMA PCU  
ALL SYSTEMS GO AFRICA SYMPOSIUM  
October 21, 2022  
Accra

# Presentation Outline

- Overview of the GAMA SWP
  - Background
  - Achievements
- Unresolved Challenges in urban sanitation

# Background of GAMA SWP

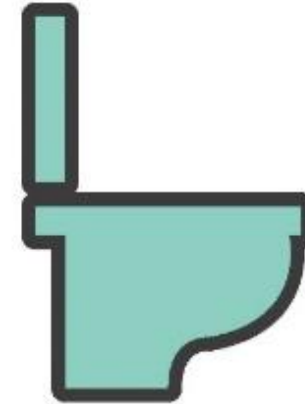


- GAMA SWP is a MSWR and World Bank funded Project
- Project Implementation commenced in 2014
- Project received additional financing to scale to GKMA and continue GAMA from 2021 to 2024.
- Metropolitan and Municipal Assemblies are the direct project implementers.

# Background of GAMA SWP

- *Project Development objective:  
“to increase access to improved sanitation and improved water supply in the GAMA and the GKMA, with emphasis on low-income communities, and to strengthen the management of environmental sanitation in the GAMA and the GKMA.”*

## COMPONENT 1

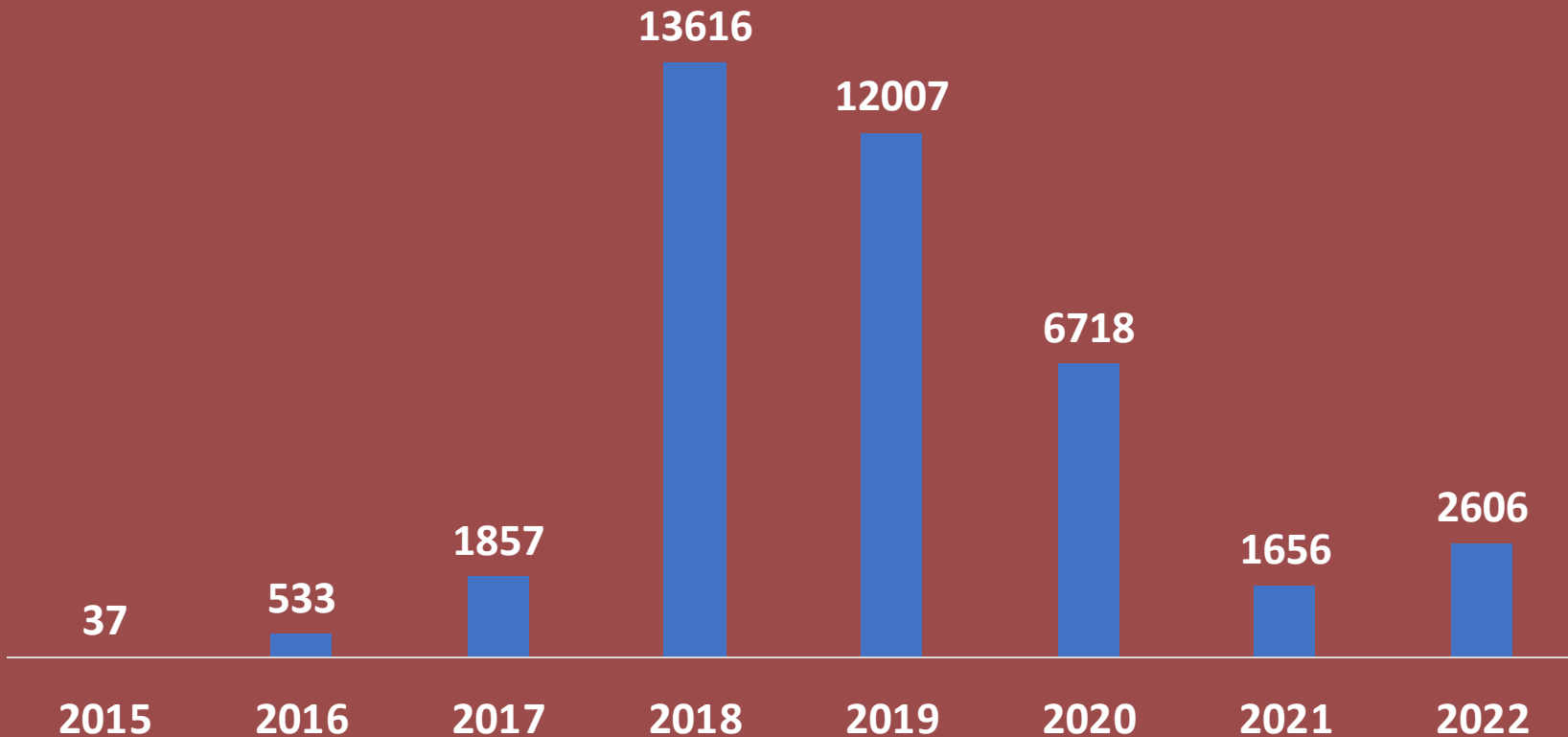


Provision of environmental sanitation and water supply services to priority low income areas of the GAMA

# GAMA SWP Achievements

39,030 On-site toilet facilities  
312,240 beneficiaries

On-site Toilets Provided in GAMA



# Unresolved Challenges in Urban Sanitation

---

**Central Promise of  
SDGs:**

**Leaving No One  
behind and reach  
the furthest  
behind first!**



“Toilets and electricity were much more important than Facebook ... those innovations really did change our standards of living, increasing health. Having a better advertising engine is important for advertising, but doesn’t fundamentally change in a deep way our standard of living”

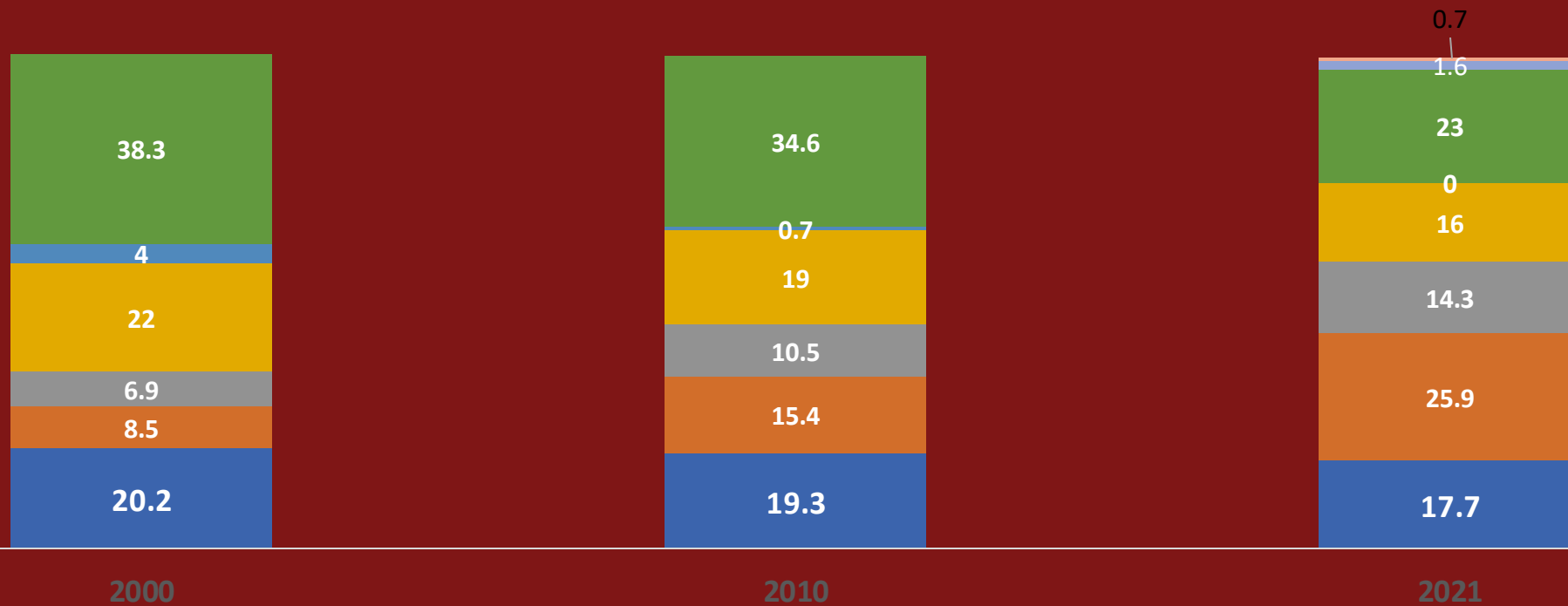
(Joseph Stiglitz, Nobel Economist)

“ No innovation in the past 200 years has done more to save lives and improve health than the sanitation revolution triggered by the invention of the toilet. But it did not go far enough. It only reached one-third of the world ”

(Sylvia Mathews Burwell, former US Secretary of Health)

# Unresolved Challenge: Available Toilet Options Do Not Adequately Address The Needs Of Low-income Urban Communities

Toilet Options in Ghana based on GSS Census Data



■ No toilet facility ■ Septic tank ■ KVIP/VIP ■ Pit latrine ■ Bucket/Pan ■ Public toilet ■ Bio-digester ■ Sewer



# Unresolved Challenge: Available Toilet Options Do Not Adequately Address The Needs Of Low-income Urban Communities

## Space Constraint

- within the house
- around the house
- Access for emptying
- Number of Privy room/outhouse



# Unresolved Challenge: Available Toilet Options Do Not Adequately Address The Needs Of Low-income Urban Communities



## Terrain Challenges

- Flood prone areas
- Waterlogged areas
  - Management of effluent from water-based systems
- Rocky areas with Hardpan

# Unresolved Challenge: **Financing** of Sanitation Infrastructure in Low Income Urban Communities

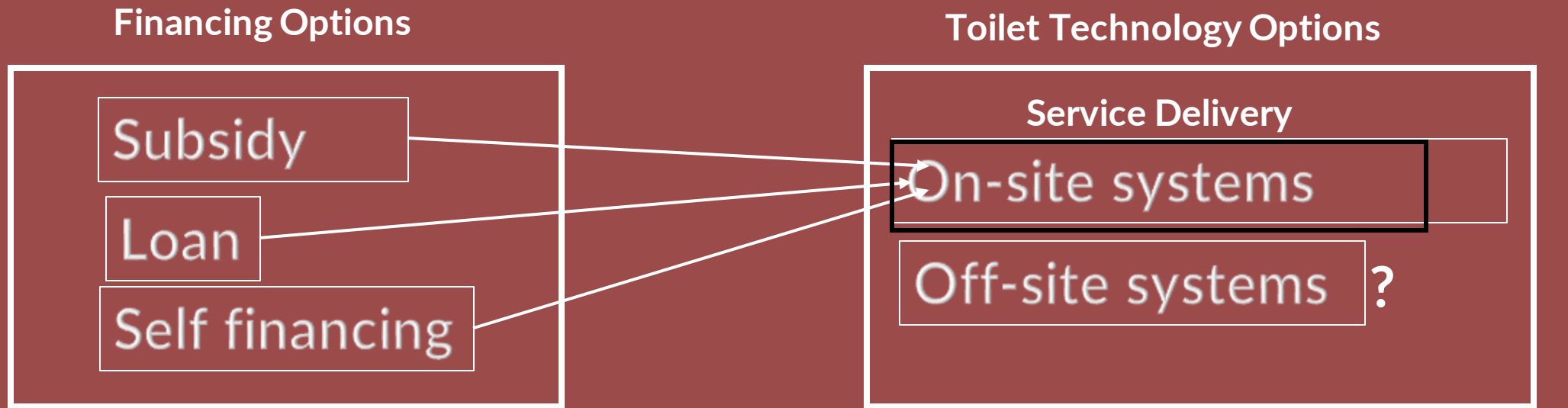
- Improved toilets in urban communities are expensive
  - High number of users, requiring “bigger” systems
  - Terrain challenges
- Affordability is a challenge
- Complex Landlord-Tenant relationships
- Impact of the Economy?????

Subsidy?

Loan?

Self financing?

# Putting everything together.....



Focus is on improving standard of living and health

## Complimentary Services

- Water supply
- Drainage
- Solid waste

# Conclusion

**There is the need to consider and address all issues impacting on the adoption of toilets in low-income urban communities.**

**“For every complex problem, there is a solution that is simple, neat and wrong.”  
(H. L. Mencken)**

END OF PRESENTATION