

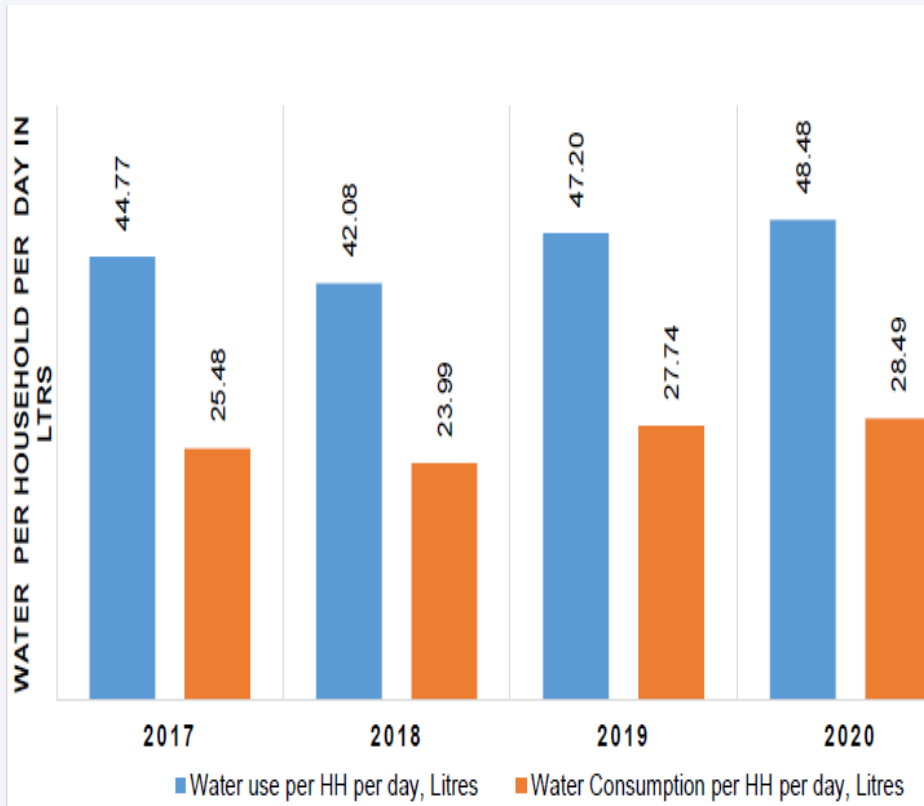


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Low cost household grey water recycling

BY Lutaakome Renichah



clove:) DENTAL

6 LITRES WASTED
per minute while brushing

X2 WASTED
every 2 minutes while brushing

X2 WASTED
every day if you brush twice a day

X365 WASTED
by a person in a year only on brushing

That's **8,760 Litres** of Water **WASTED**

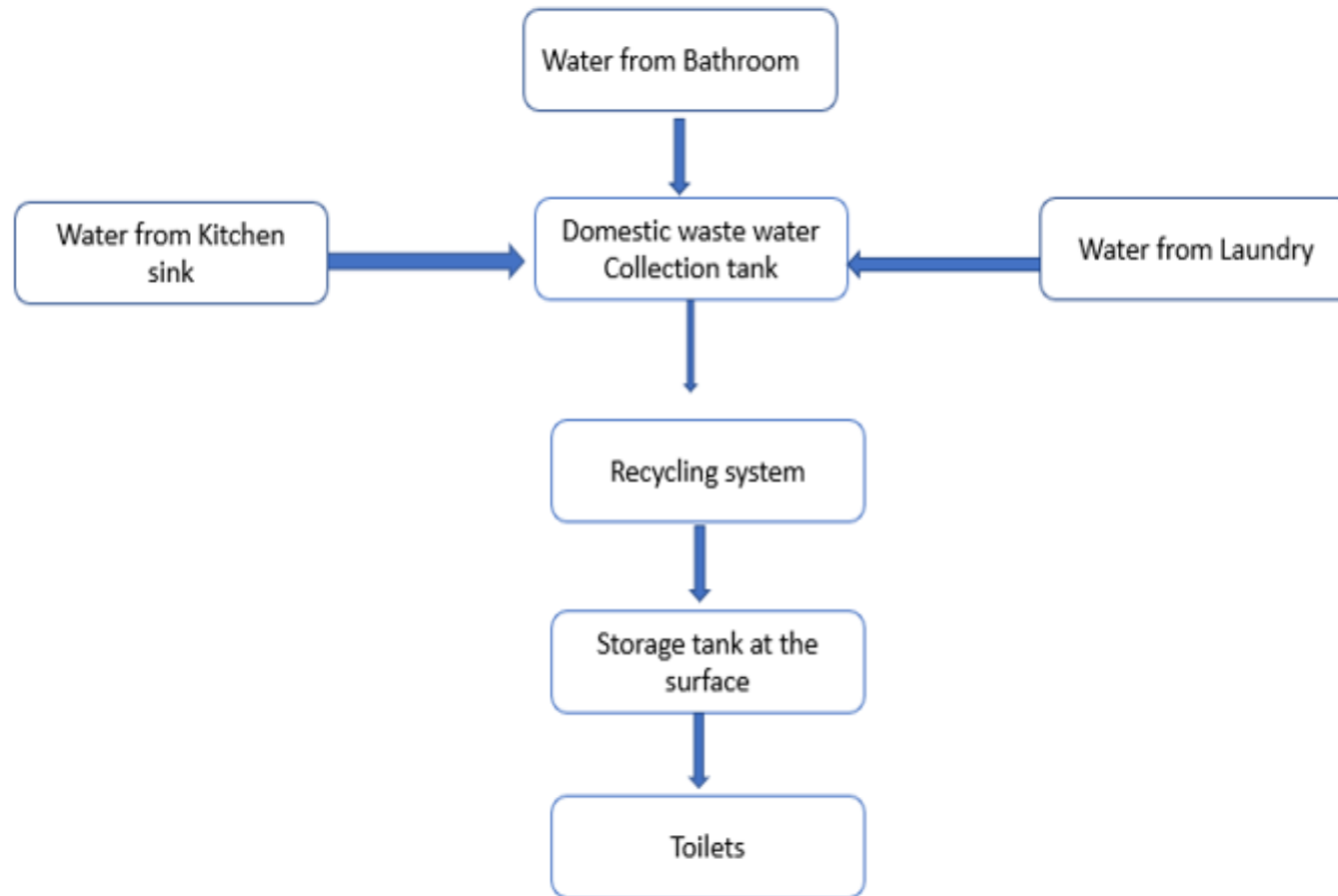
WHAT IS BEING DONE?

Currently, house hold waste water is being disposed off directly to the trenches, septic tanks and water bodies.

Competitive landscape analysis

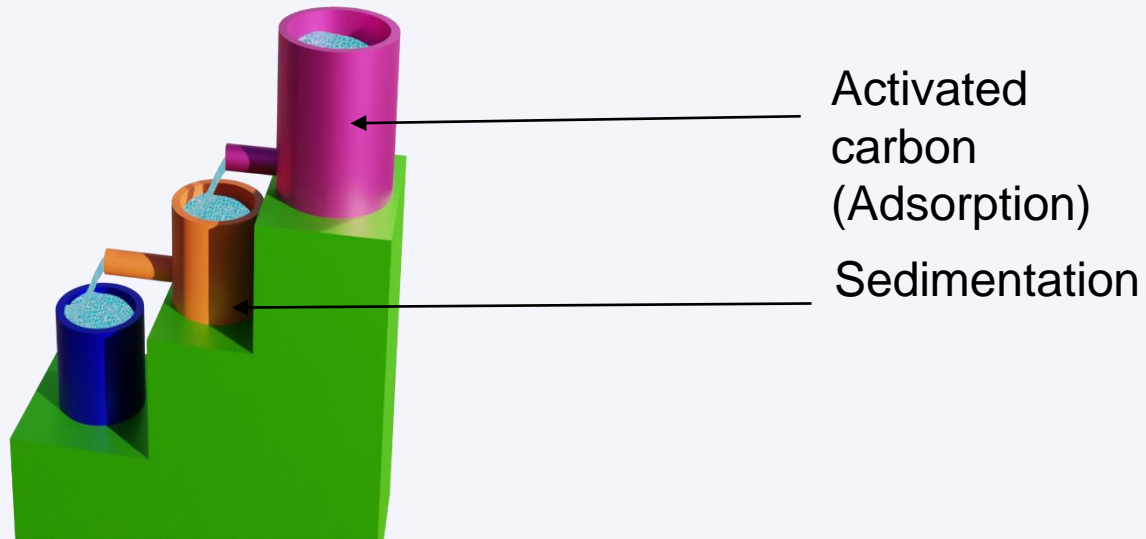


SCHEMATIC DIAGRAM



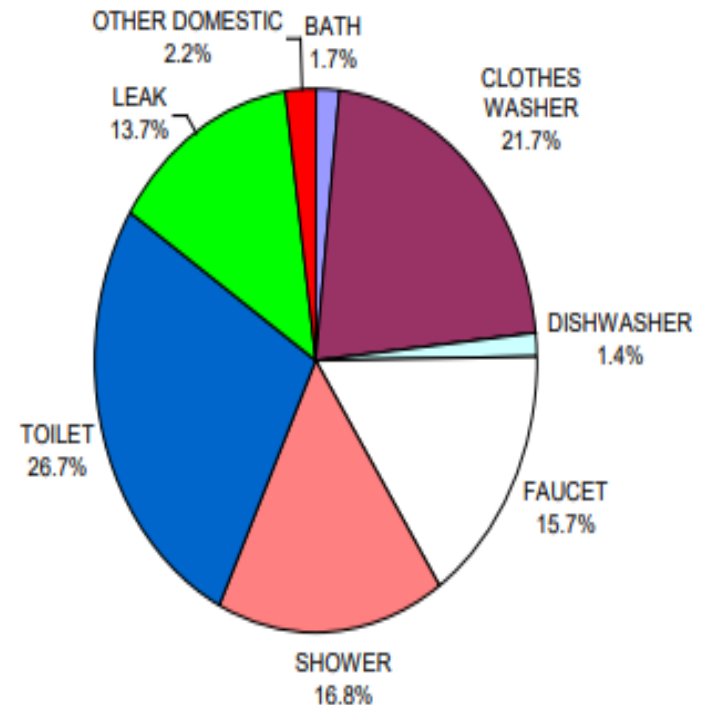
INNOVATION

Recycling system



Business Model

- 1 unit is equivalent to 1000 litres of water in Uganda.
- 1 unit = 1060ugsh (Daily monitor 7th July 2022)
- 20 litres cost 21.2 Ug shs
- Estimated flush water capacity 5 – 10litres.
- Average person uses toilet 3 times per day
- Water consumption Vs Water use



Problem Wastage of water at household Level.	Key Activities Marketing the system. Sensitizing the community to use the system Key Partners <ul style="list-style-type: none"> • Apartment owners. • Plumbing companies • NGOs • Embassies 	Value Proposition <ul style="list-style-type: none"> • Cheap and effective household-based waste water management system • Environmentally friendly • Easily Installed and maintained • Waste water recycling. • Conservation of water bodies 	Consumer relationship. <ul style="list-style-type: none"> • After sales service • Sales 	Customer segments <ul style="list-style-type: none"> • Families living in apartments • Laundry business owners • Public toilet owners • Hotels and restaurants
Solution Low cost household recycling water system for Reuse.	Key resources <ul style="list-style-type: none"> • Capital 		Channels <ul style="list-style-type: none"> • Exhibition Space • Advertisement • Conferences 	
Cost structure <ul style="list-style-type: none"> • Plastic tank: Ugshs 60000 • Pipe: Ugshs 10000 • Activated Carbon: Ugshs 5000 Total Cost: 75000		Revenue streams <ul style="list-style-type: none"> • Sales revenue: Ugshs 150000 • Maintenance: Ugshs 50000 		

CONCLUSION

- Problem and solution
- Challenge and idea
- Environmental effect
- Economic relevance
- Feasibility and applicability

Q&A





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**THANK
YOU!**