



**EWB-TAU**  
Impact Innovation



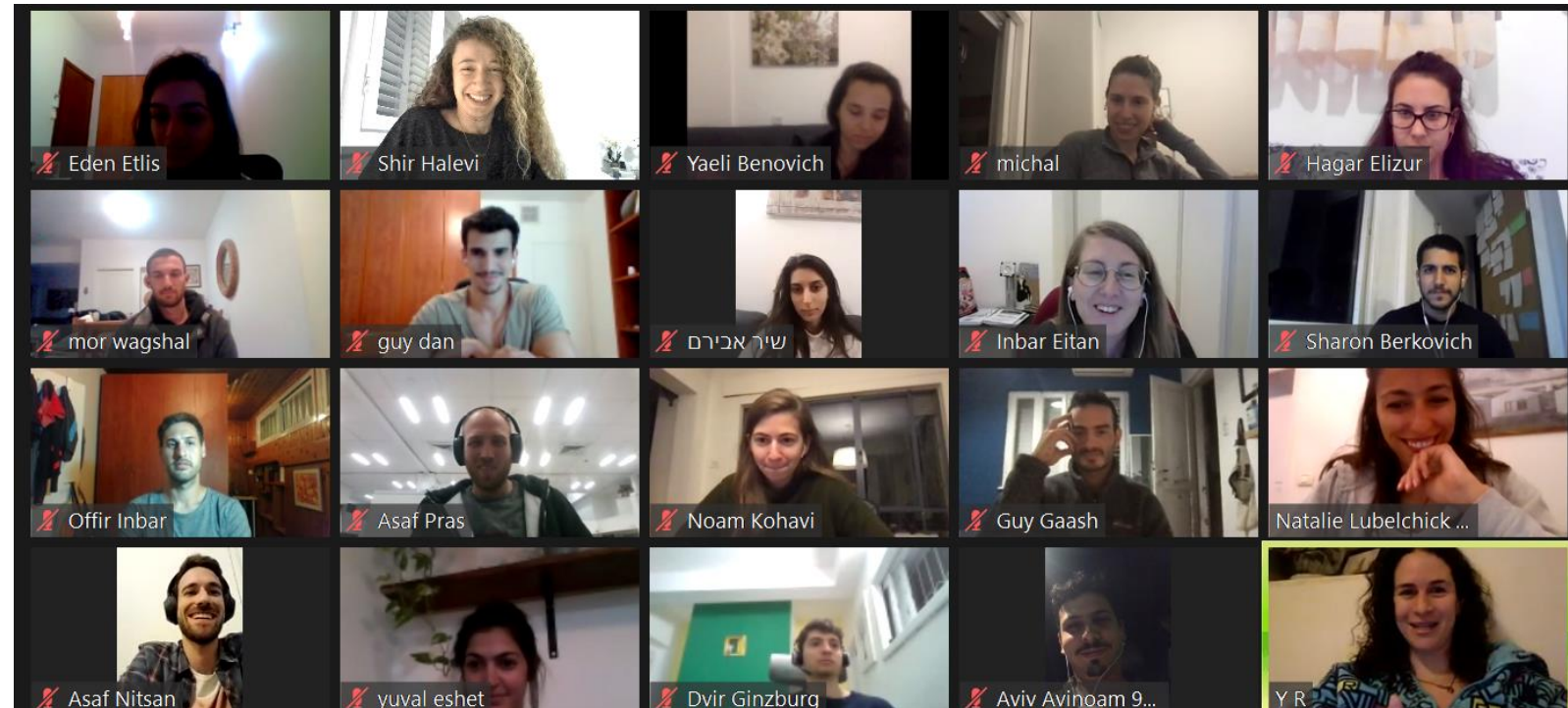
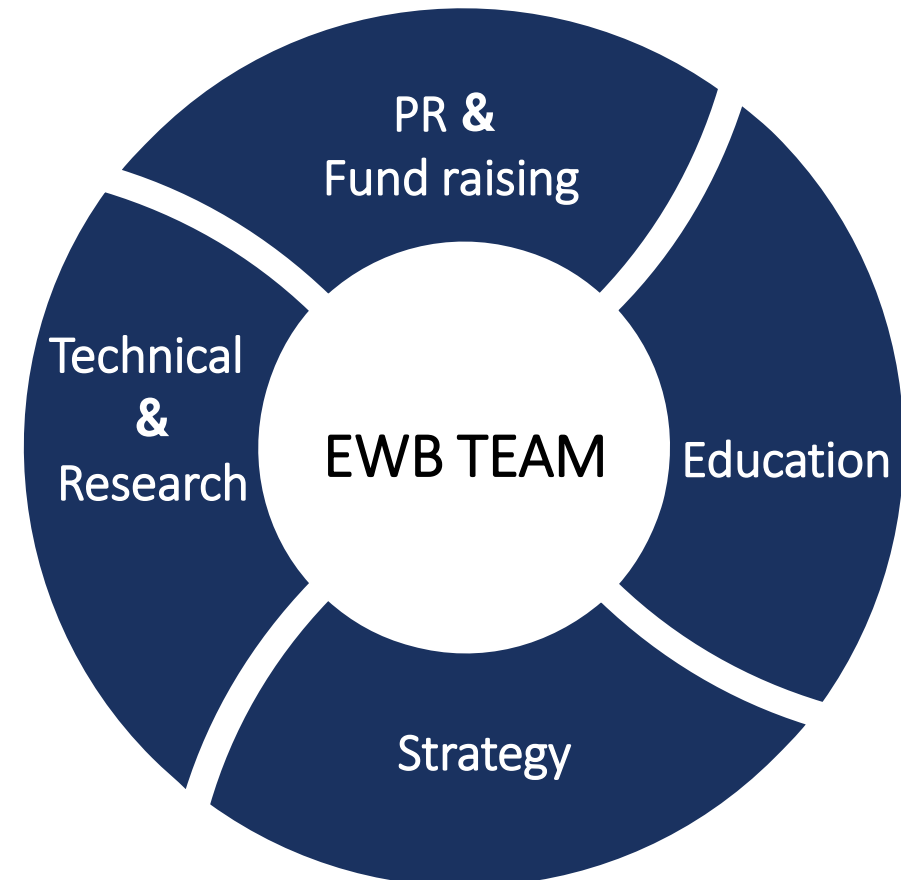
## Engineers Without Borders Tel Aviv Water Project in Africa



*EWB-TAU aspires to improve access to **clean drinking water** for citizens in rural Africa, by cooperating with the local communities and giving professional training and education in the field of hygiene and water management.*



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# Water Scarcity In North Tanzania

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- Walking long distances to fetch water
- Consuming contaminated surface water
- Extremely high levels of Fluoride in groundwater







# Fluoride

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# Our solution: Rainwater harvesting systems



Gutters to  
collect water

Mechanism to  
dispose first rain



Sustainable



Cost-effective



Easy to duplicate & adjust

Tanks to collect water and keep water flowing

# Our Impact



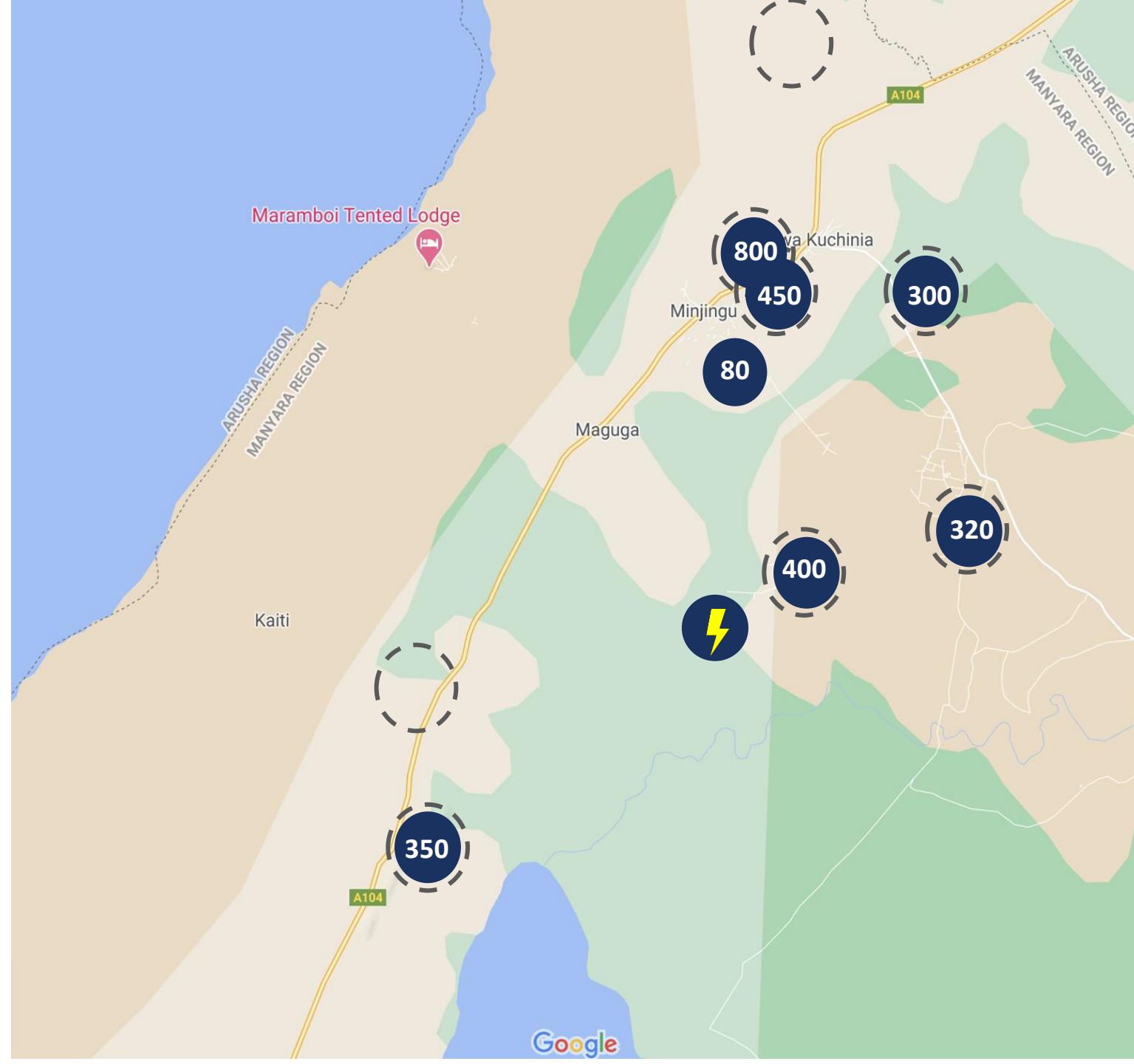
Working with the  
same community  
for **8 years**



Installing **7**  
**rainwater**  
harvesting systems



Supplying **~3000**  
**children** with fresh  
water for drinking







# Challenges





# Culture

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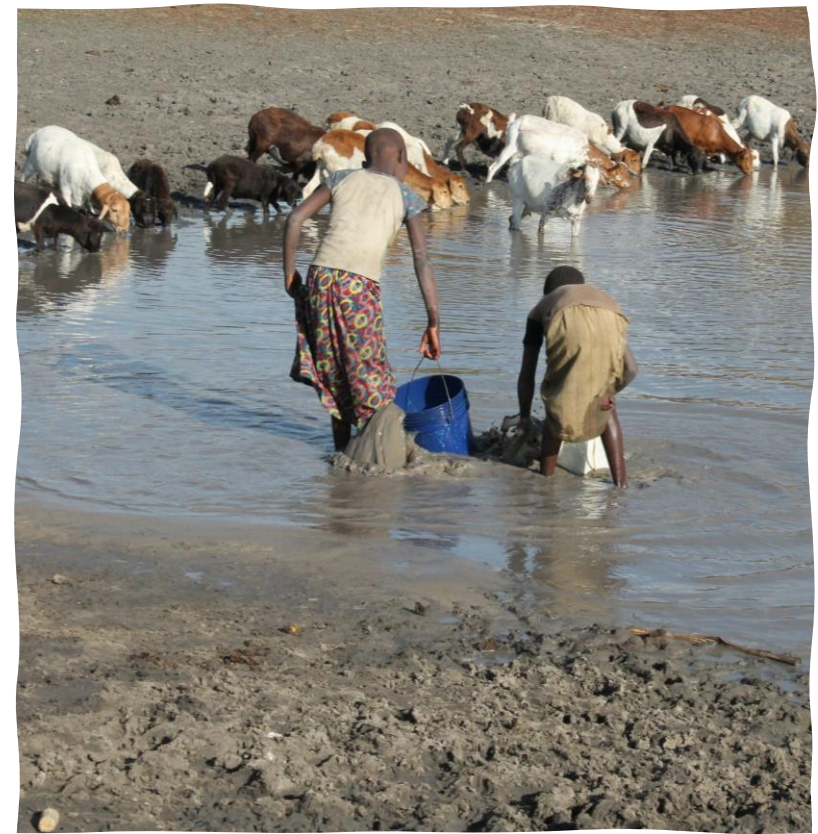




# Landscape & Physical Conditions







What is the desired water standard?



# Test & Monitor

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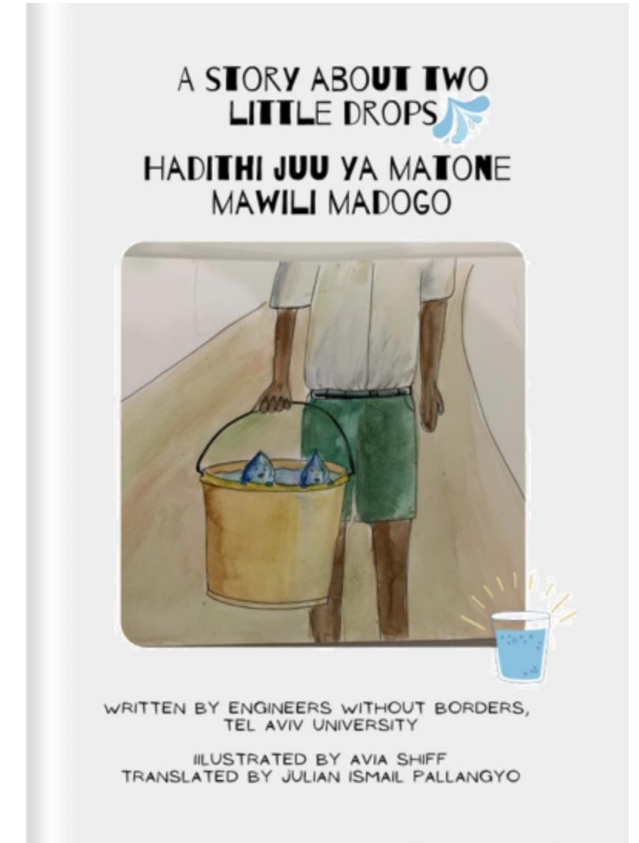


# Carefully Maintain

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# Awareness & Knowledge

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# Awareness & Knowledge

Active Learning







Being  
“Mzungu”



# Being “Mzungu”

- Being part of the process
- Creating Partnerships





# Future Goals

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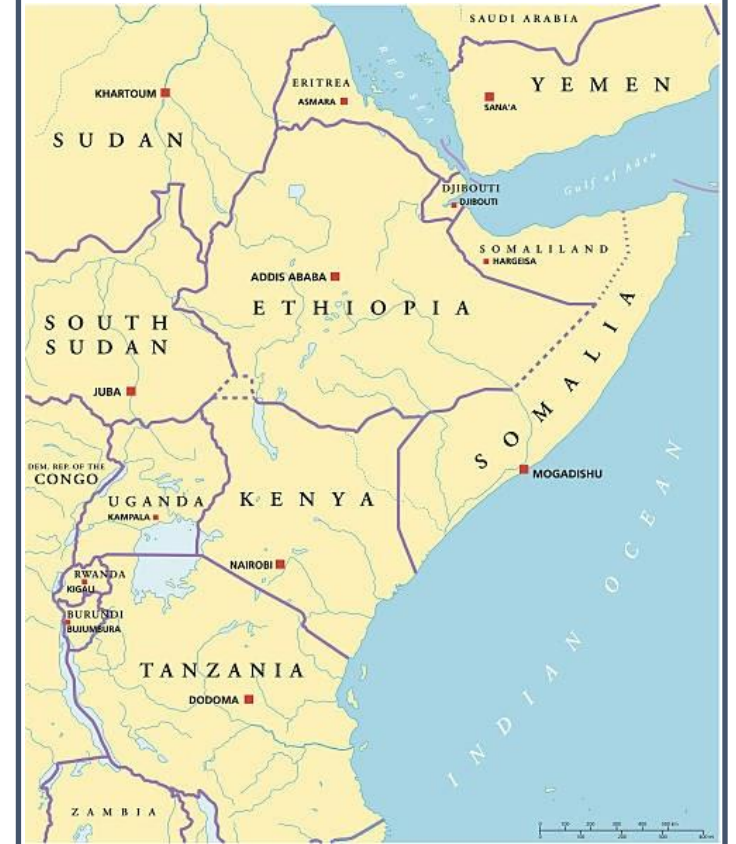
Perfect our solution &  
Establish an exit strategy



Develop water solutions for  
households



Expand to new areas





# Thank you for listening!

