

Design for Health Hackathon



Event summary:

Design for Health Hackathon

October Redesigning Cholera Response in East and

12th, 2023 Southern Africa

More than an outbreak, an emergency

Call to Action

Eleven countries in the east and southern African region are currently battling one of the worst cholera outbreaks in years.

28 million people are in need across Malawi, Mozambique, Somalia, Kenya, Ethiopia, Zambia, South Sudan, Burundi, Tanzania, Zimbabwe, and South Africa.

The situation is expected to worsen with El Nino rains, which will disturb water and sanitation systems and warmer temperature increasing growth of vibrio cholerae.



Designing for Health

A hackathon is an event in which a group of people meet to engage in collaborative problem solving.

On October 12th 2023, Nairobi's **design thinkers** and **public health emergency partners** joined forces to **address the persistent barriers to quality cholera care** in the region and innovate on cholera response.

While longer term essential infrastructural investments and developments are underway across various countries in East and Southern Africa, this partnership considered the urgent issue of how we might **improve upon immediate cholera response and reduce mortality from cholera.**

Composition of design groups

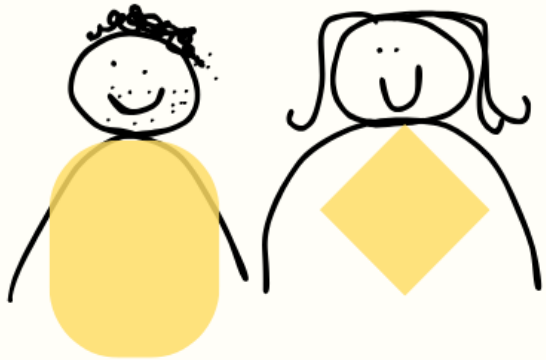
Five groups competed for the best intervention design for partners to take forward for implementation. Designs were presented to a panel of experts in Health Emergencies and Behavioural Sciences from across different agencies.

The groups consisted of user experience researchers and designers from the Nairobi Design Community Of Practice (Busara, Dalberg, YUX, Africa's Talking, MAKL, Mideva Labs, Peri-Bloom, Stamp Clean Tech). Groups were self-organized with some design companies choosing to compete as a firm, and some mixing with other studios.

Technical experts from (UNICEF, WHO, IFRC, MSF, OXFAM) were assigned the role of "resource person" and embedded in the groups to answer any technical questions as the designers developed their intervention idea.

Participants

DESIGNERS / EXPERIENCE RESEARCHERS



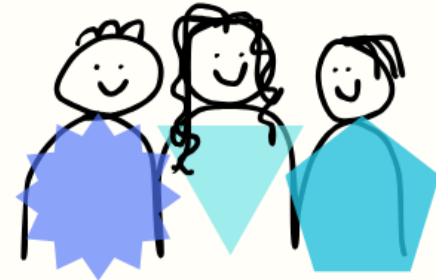
Busara, Dalberg, YUX, Africa's
TaKing, MAKL, Mideva Labs,
Peri-Bloom, Stamp Clean Tech

TECHNICAL EXPERTS



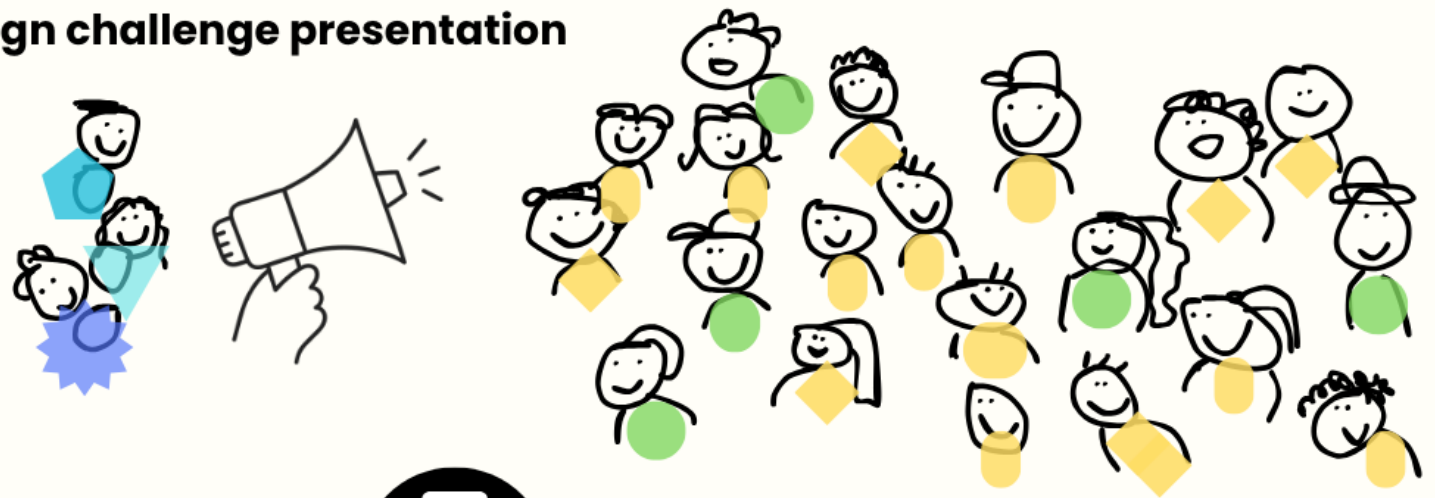
UNICEF, WHO, IFRC, MSF,
OXFAM

PANEL

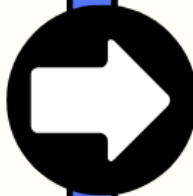
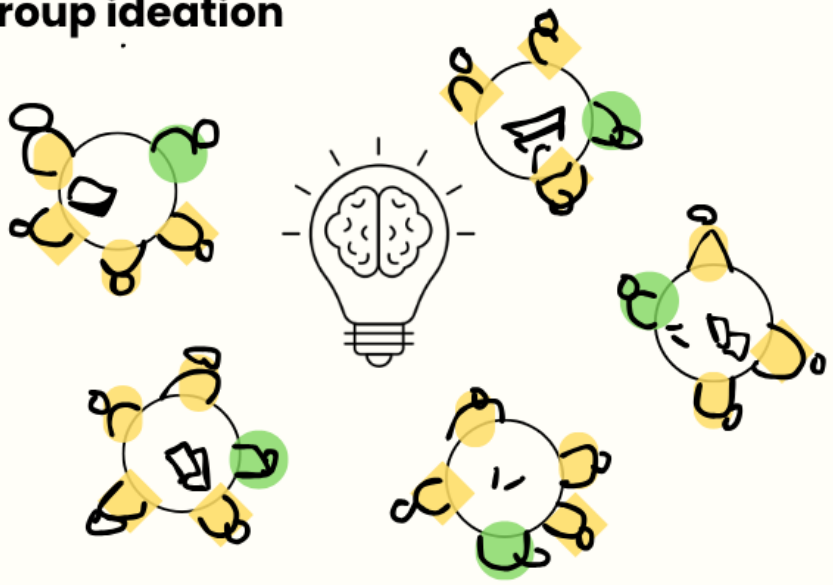


MSF cholera response expert,
UNICEF Health Specialist & Senior
Behavioral Scientist

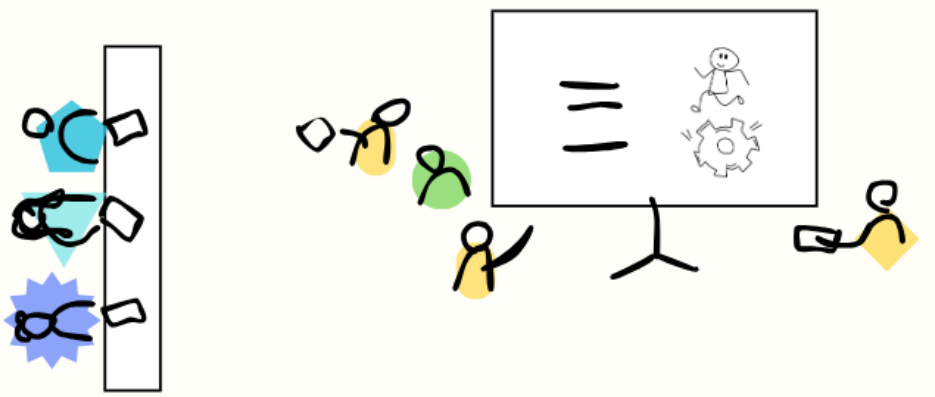
1. Design challenge presentation



2. Group ideation



3. Presentation to the panel



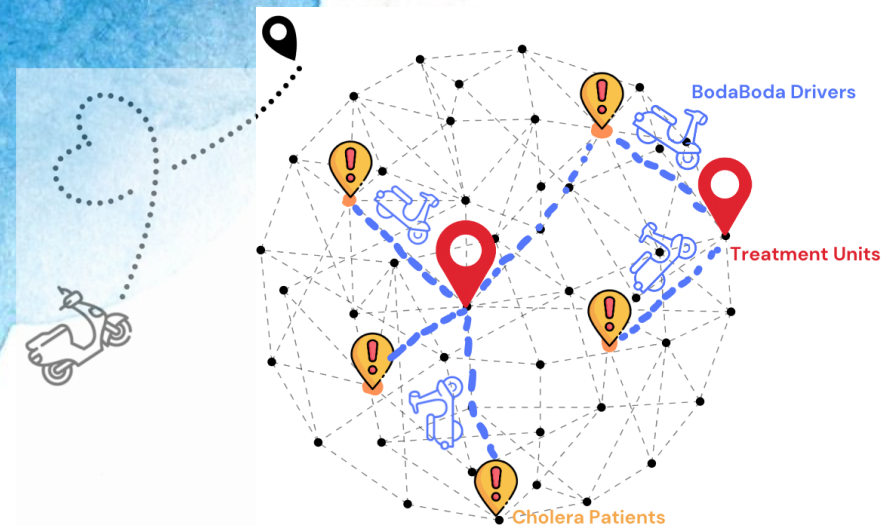
4. Election of the best idea



WINNING DESIGN

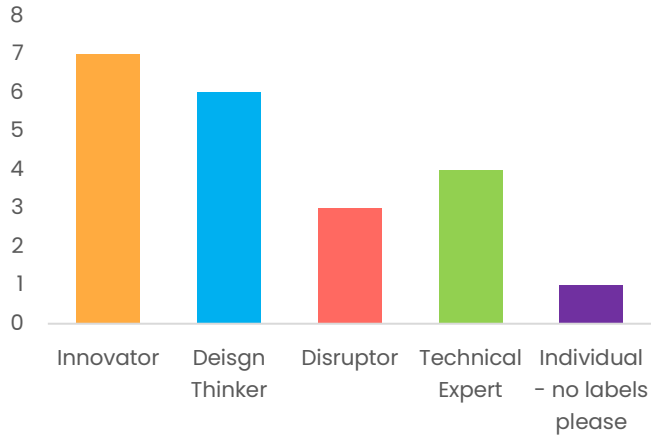
The ParaBoda

- Engage local BodaBoda drivers to offer subsidized lifts to Oral Rehydration Points (ORP) and Cholera Treatment Units (CTU)
- Trips monitored through GPS by the response partners to ensure tracking of ride and alert messages sent to ORPs/CTUs to ensure materials are ready on arrival
- Tracking of rides can also support adequate sanitation protocols followed for drivers and bodas between rides
- Boda drivers would be equipped to share essential information about the Cholera Response & contact tracing

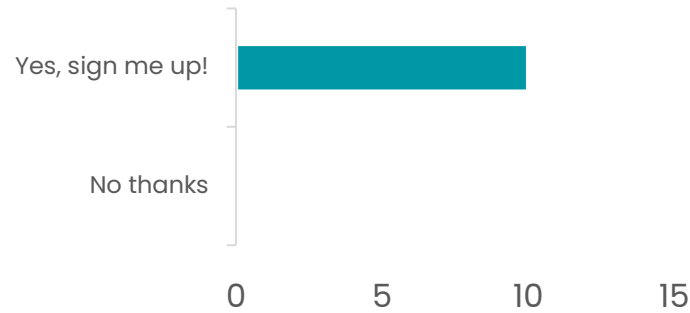


Participants Feedback

How would you describe yourself?



Would you like to partner with us for future Hackathons?



How would you rate the Hackathon experience?



How might we improve for future hackathons?



How have you benefited from the Hackathon event?

Innovated for a new sector never done before

Sharing knowledge

Networking
Making new connections

Solving real issues

Learning!!

*... about cholera
... about design thinking
... about hackathons!*

Developed new ideas & strategies

Good day's work with smart people! ♥

Never innovated for Health before - very interesting!

Thank you!

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CHANGE**