


Makerere University

College of Health Sciences School of Public Health

ResilientAfrica Network (RAN)

The ResilientAfrica Network (RAN) www.ranlab.org is a USAID funded Research and Innovation Network of 20 African Universities in 16 countries, congregated into four Resilience Innovation Labs (RI Labs)- the focal points for commercialization of research and sourcing, developing and supporting innovations. The network works to strengthen the resilience of vulnerable communities using innovative, evidence-based approaches developed in collaboration with University students, faculty and the community. To date, RAN is supporting the development of over 60 innovative projects with a rich trans-formative potential. The RAN Team has also continued to hold a number of events to source innovations, foster a culture of innovation and creativity. We nurture and uphold strategic partnerships to strengthen the innovation ecosystem in Africa and beyond.

Some of the Projects supported by RAN



EpiTent

A re-imagined "ergonomic tent" to keep humanitarian service delivery teams cooler and safe




Pedal Tap

A low-cost, easily attachable technology that facilitates more hygienic, contactless operation of the already existing Water Taps.




BVKit

A rapid, portable screening and diagnostic tool for Bacterial Vaginosis- a condition that causes excessive growth of bacteria in the Vagina with increased risk of Sexually Transmitted Infections including HIV and HPV



Wekebere

A hand-held self-diagnostic tool that enables pregnant women to monitor the development of their unborn babies



MDEX

A low-cost, reusable, near instant, point of care diagnostic tool aimed at increasing access to Sickle Cell diagnostic services in low resource areas



Matibabu

A non-invasive, portable technology for malaria diagnosis



Low Cost Solar Irrigation Pump

A low cost solar powered water pump which small holder farmers can use to pump water from source to their crops thereby ensuring that they will grow and give good yields even when there is inadequate rain



RAPID Solar Dryer

An efficient, express dryer that uses solar technology to facilitate faster drying of a broad range of agricultural produce to reduce post-harvest handling losses while improving yields and using locally available and cheap materials



Fruiti-Cycle

A low-cost, biogas powered tri-cycle mounted with a refrigerated cabin for safe and convenient transportation of fruits and vegetable.



Improved Push and Pull Technology

An innovative approach to inter-cropping that dually suppresses nuisance weeds and pests



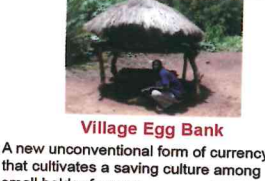
'KUNGULA' - Thresh IT

A low-cost optimized post-harvest technology for mechanized threshing and winnowing of maize



RootIO

A community radio technology that uses a mobile phone for broadcasting with the potential to revolutionize last-mile communication in hard-to-reach and war ravaged areas.



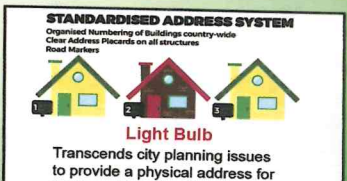
Village Egg Bank

A new unconventional form of currency that cultivates a saving culture among small holder farmers.



Eco-Cold Storage Facilities

A novel technology that uses plastic PET bottles for insulation and a solar powered refrigeration system for the storage of perishable goods



STANDARDISED ADDRESS SYSTEM

Organized Numbering of Buildings country-wide
Clear Address Picards on all structures
Road Markers

Light Bulb

Transcends city planning issues to provide a physical address for users registered on the platform.

For details and to join a team of innovators working in an environment where innovations are boiling, Contact Us on;

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RAN Core Partners:

