



Innovate  
UK

# Introduction to AMREF Health Africa



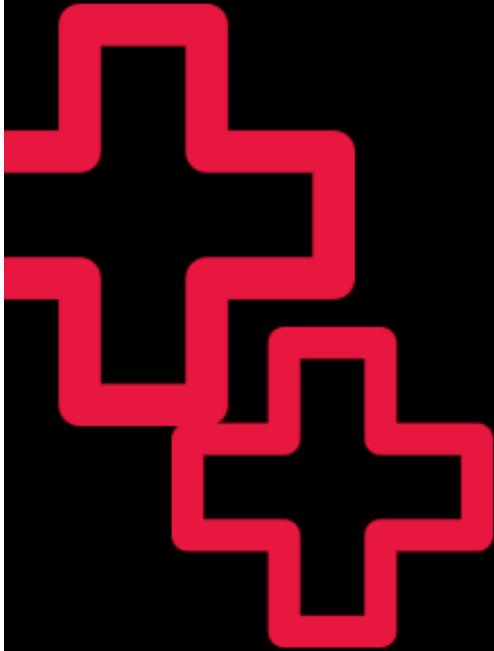


AMREF HEALTH INNOVATIONS

**LEVERAGING  
INNOVATION FOR  
LASTING HEALTH  
CHANGE IN AFRICA**



# AHI'S SERVICE DELIVERY MODEL



## DIGITAL HEALTH & ENTREPRENEURSHIP

- We use technology tools such as Leap and mJali to reach communities and report to governments.
- We design and deliver health entrepreneurship programs internally and with other country offices

## INNOVATION IN UHC DELIVERY

- We work with stakeholders in health service delivery to engage communities on various health interventions to strengthen health systems. Data collected is analyzed to optimize program scale up and sustainability.



# OUR INNOVATION MODEL

Working with Communities

HEALTH  
FINANCING  
THROUGH  
STRATEGIC  
PARTNERSHIPS

LEARNING  
THROUGH LEAP  
AND DATA  
REPORTING  
THROUGH M-JALI

TRAINING: OF  
HCWs and  
ENTREPRENEURS  
THROUGH HEALTH  
CURRICULA

SOCIO - ECONOMIC  
MAPPING FOR  
HEALTH  
INTERVENTIONS  
USING BIG DATA





# leap

is a powerful mHealth platform, powered by our healthcare training pedagogy and content; customizable to a partners' and learners' unique needs to achieve positive health outcomes.



**168k+**  
Enrolled for  
training on  
Leap Basic  
and Smart



**168k+**  
Loaded for ongoing  
communication with  
partners and  
government



# The Product – Training Basic Phones

Leading mHealth learning platform in Africa



## Virtual Learning on any device

On-demand access to essential information, tools and services



## Evaluation through Quizzes and Assessments

Gamefication and instant performance feedback; measure and adapt quickly



## Direct access to learners, support, and supervision

Collaboration tools for knowledge sharing & support; build capacity of supervisors with richer content and supervision tools



## Collaboration over Group Chat

Promote peer-to-peer collaboration and mobilise communities



## Collect Digital Training Records

Connect health workers to the formal health system and capture digital records of their training and career development



## Learners

On-demand access to essential information, tools and services

Access collaboration tools for knowledge sharing & support

Increase motivation, job satisfaction and retention

Learn more consistently, providing first-line healthcare

## Partners

Strengthens workforce management with supervisory tools

Access a growing library of high-quality learning content pre-approved by the MoH

Reduce face-to-face learning requirements; save time and resources

Connect CHWs to the formal health system and create digital records of their training and career development

## Impact

Better equipped health workers provide better care and have higher performance, leading to improved community health

Strengthened health system due to higher skilled health workers and stronger supervision connection

Create strong communities and increase retention of health workers

Rapidly mobilise community in response to diseases or health events





## Initial feedback from the field

Leap has conducted a scientific study with the Kenyan Ministry of Health to demonstrate the impact of Leap in transforming health outcomes.

### Learning Outcomes



Training Completion



Amélioration des résultats aux tests

### Health Outcomes



Increase in Women Attending 4+ ANC visits



Increase in Deliveries by Skilled Attendant



Increase in Fully Immunised Children





M-jali is an innovative platform that seeks to improve management of community health information incorporating a mobile application for capturing data from the household level and transmitting it online to a web-based database.



**10,503**

**CHVs  
enrolled  
for data  
collection**



**623,401**

**total  
households  
collected**

**1,311,850**

**total  
population  
reached**





# 11,450 in Kenya and Zambia

## CHVs

Cut the turn-around time community health units have been able to cut the turn-around time for transmitting data

Use simple smart mobile devices for collection of data

Access collaboration tools for knowledge sharing & support

Remit this data to the platform for analysis

## Health Workers

Cut the turn-around time community health units have been able to cut the turn-around time for transmitting data

Use simple smart mobile devices for collection of data

Access collaboration tools for knowledge sharing & support

Remit this data to the platform for analysis

## Impact

Enhance **community access to health care** in order to improve productivity and thus reduce poverty, hunger, and child and maternal deaths, as well as improve education performance across all the stages of the life cycle

Consistency, accuracy, timeliness and completeness of data from community level has been the key impediment to the delivery of this strategy



## USE CASES



### CBHMIS

Health Sector level data collect community on tools, customizable to country-specific data collection requirements

### NCD

CHVs collect data for tracking blood pressure and diabetes screening, treatment and monitoring at community level

### NHIF

CHVs collect data and register clients for NHIF and submit data and premiums to the national insurer.

### UHC

CHVs registers and surveys households who are vulnerable, and it scientifically ranks them.