

Scaling & institutionalizing CDSS in Zanzibar: the case for collaboration

Erica Layer
Senior Advisor
D-tree International
elayer@d-tree.org



OUR model



JAMII NI AFYA: Zanzibar's digitally enabled community health program

Digitally enabled

Mobile app uses CDSS to tailor visits to each person's needs and allows CHVs to track community members' health over time

Proactive

CHVs make household visits based on RGOZ guidelines and follow up to ensure facility-based care is received

Supervised

CHVs are supervised by health facility staff who provide technical guidance, mentorship and accountability

Incentivized

CHVs receive a stipend of up to USD 22 based on their performance, which is automatically tracked through the digital system

Supporting **INTEGRATED** and **COMMUNITY-BASED** care



Child & Adolescent Health



Newborn care



Immunizations



Child health



Nutrition



Early Childhood
Development



Adolescent
health

Maternal Health



Antenatal care



Postnatal care



Family planning
(coming soon)

Infectious Diseases



Event-based
surveillance
(coming soon)

COVID-19

Key **ACHIEVEMENTS**



NATIONAL COVERAGE

2,300 CHVs trained, equipped and supported to provide comprehensive health services at the household

>90% of the population registered in the program to-date



IMPROVED HEALTH

30% increase in facility deliveries

4-fold increase in postpartum follow-up visits

3-fold increase in referral completion rates



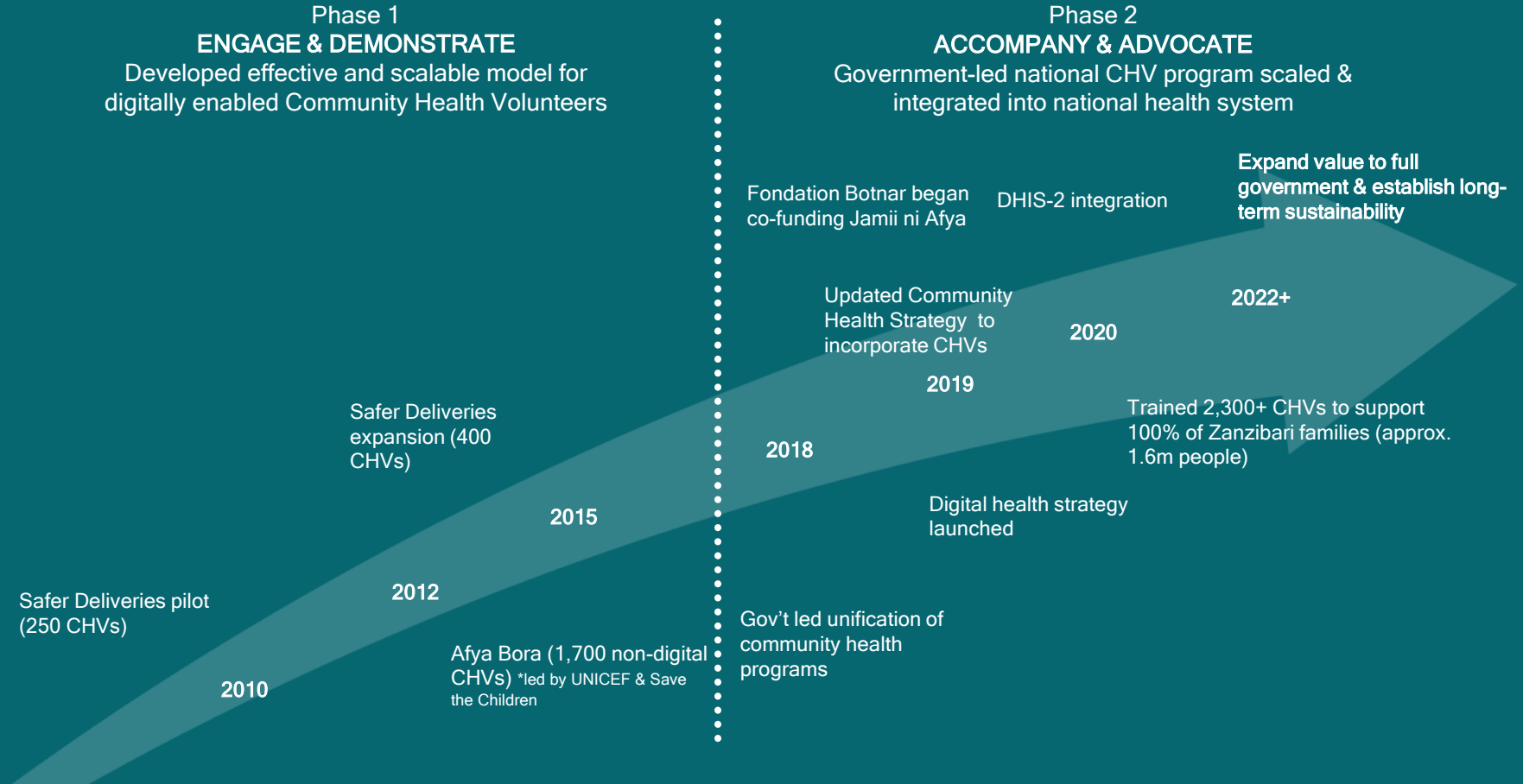
ENABLING ENVIRONMENT

Jamii ni Afya integrated into National Community Health Strategy (2019-2025)

Zanzibar's first Digital Health Strategy (2020-2025) created to support digital initiatives

Timeline of Jamii ni Afya

Led by RGOZ in partnership with D-tree



Collaboration: **ENGAGE**



CROSS-MINISTRY PARTNERSHIPS

Strong partnerships throughout the Zanzibar Government:

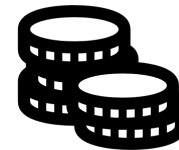
- Health Promotion Unit
- Integrated Reproductive, Maternal & Child Health Unit
- Expanded Program on Immunization
- ICT
- Health Management Information Systems Unit
- Planning Unit
- Human Resources Unit



IMPLEMENTING PARTNERS

Initiated a community of practice for all partners implementing community health initiatives to coordinate efforts & advocate for a national community health program

- Save the Children
- UNICEF
- Jhpiego
- EngenderHealth
- Willows International



ALIGNED DONORS & DEVELOPMENT PARTNERS

Partnerships with broad range of donors & local development partners to fund and promote the initiative:

- Gates Grand Challenges
- USAID Saving Lives at Birth
- Human Development Innovation Fund
- Fondation Botnar
- Conrad N. Hilton Foundation
- UNICEF
- Google AI for Social Good

Collaboration: **DEMONSTRATE**



SUBJECT MATTER EXPERTS

Engaged with global and local health experts to design and validate CDSS:

- Boston Children's Hospital
- Harvard School of Medicine
- Africa Early Childhood Development Network
- Zanzibar Nurses Association



TECHNOLOGY PARTNERS

Partnerships with technology companies supporting the development of the digital platform (which changed over time as needs evolved):

- CommCare (Dimagi)
- Mangologic (Things Prime)
- Community Health Toolkit (Medic)
- Periscope Data



PRIVATE SECTOR

Partnerships with local mobile network operators to develop customized data bundles, automate mobile money payments and create public-private partnerships:

- Zantel
- Tigo
- Vodacom

Collaboration: **ACCOMPANY**



CROSS-MINISTRY PARTNERSHIPS

Higher-level government partnerships:

- President's Office
- Parliament
- Minister of Health
- Ministry of Social Welfare
- Ministry of Finance



POLITICAL INFLUENCERS

Engaging with organizations who have strong political influence to garner high-level commitment, and integrating with related initiatives

- Zanzibar Research Center for Socio-Economic and Policy Analysis
- PharmAccess (Universal Health Insurance)



LOCAL NON-STATE ACTORS

Transitioning technical expertise from global to local partnerships to encourage sustainability and local ownership:

- State University Zanzibar
- Health Improvement Program Zanzibar
- Local NGOs

Collaboration: **ADVOCATE**



COMMUNITY HEALTH ADVOCACY

Member of:

- Community Health Impact Coalition
- Africa Frontline First



DIGITAL HEALTH ADVOCACY

Member of:

- Transform Health
- Digital Health & Interoperability Working Group

ASANTE SANA!

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D-tree
Better decisions save lives