

Global mHealth Summary

mHEALTH PORTFOLIO AT-A-GLANCE

- 15 PROJECTS ACROSS 9 COUNTRIES¹
- 5,906 ACTIVE CHW USERS
- 145,664 BENEFICIARY COMMUNITY MEMBERS REACHED
- US\$20,429,712 TOTAL FUNDING FOR mHEALTH SUPPORTED HEALTH & NUTRITION PROGRAMMING
- US\$968,281 TOTAL FY16 EXPENDITURE ON mHEALTH



Portfolio Overview 2016

World Vision has nearly a decade of experience deploying mHealth solutions in support of its child-focused and community-based health and nutrition programming.

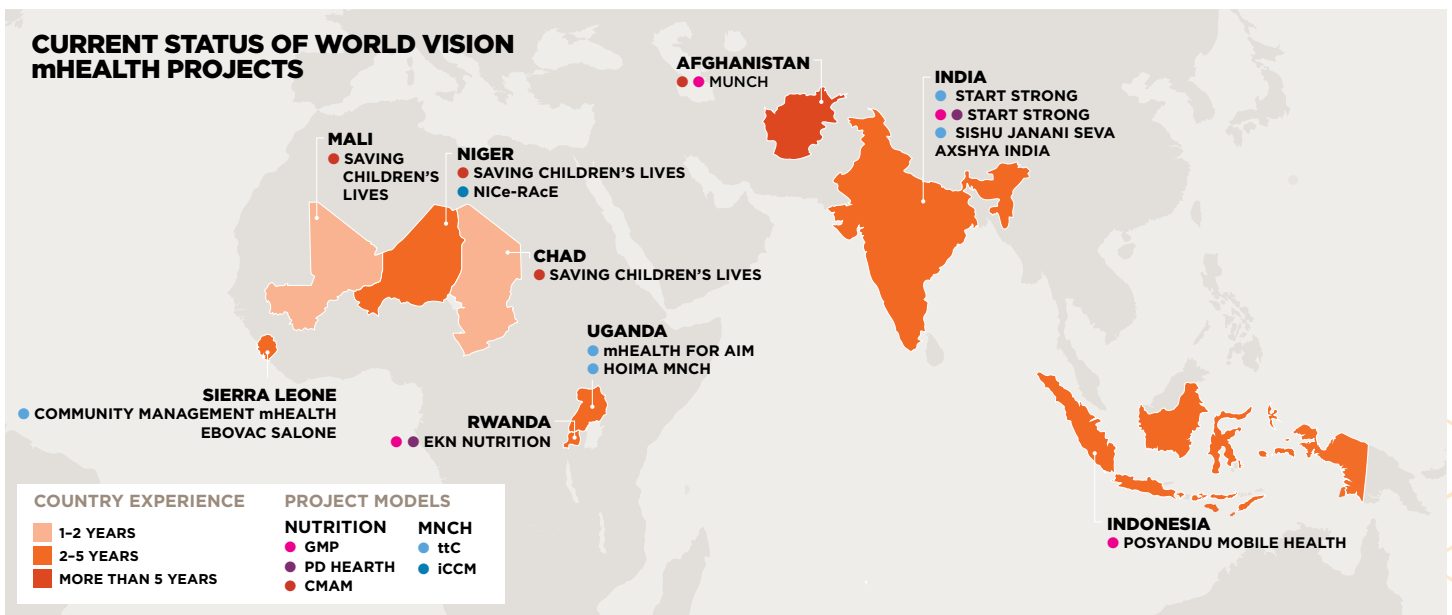
Over the past year, the global portfolio has undergone some consolidation as country teams appreciate the longer-term groundwork necessary to bring mHealth solutions to scale. At the end of 2016, there were 15 active deployments supporting community health workers (CHWs) and health facility staff in nine different countries in Africa, South and Southeast Asia (see map). A number

of these projects continue to leverage the common applications built on the CommCare/MOTECH platform as a cost-efficient solution for rapid deployment in support of five of World Vision's standard programming approaches. The multi-functional approach taken by these deployments continues to be prevalent across the portfolio (see functionality matrix).

Noteworthy accomplishments in 2016 include a vibrant multi-stakeholder engagement process in Sierra Leone whereby government health and information & communications ministries continued to cultivate alignment between

health systems strengthening and digital health spheres. Several other projects in Asia and Africa actively engaged in similar partnering discussions with government counterparts. Additionally, World Vision Indonesia's research partnership with the UK's Institute of Development Studies (IDS) contributed to the evidence base that supports the value of mHealth investment.²

By sharing learnings across projects and showcasing breakthrough approaches, World Vision continues to build momentum towards its current goal of reaching more than 200,000 vulnerable women and children by the end of 2017.



¹ Additionally, 9 new mHealth projects across 8 countries are expected to launch in 2017.

² See the evaluation report from this collaboration: <http://www.ids.ac.uk/publication/mixed-method-impact-evaluation-of-a-mobile-phone-application-for-nutrition-monitoring-in-indonesia>. Photo: Community health worker enters information on an infant's risk of acute respiratory infection into the CommCare/MOTECH application in Uganda.

FUNCTIONALITY WORLD VISION mHEALTH PROJECTS

		Behaviour-change communication	Sensors & point-of-care diagnostics	Registries/vital events tracking	Data collection & reporting	Electronic health records	Electronic decision support	Provider-to-provider communication	Provider work-planning & scheduling	Provider training & education*	Human resource management	Supply chain management	Financial incentives* Integration
Afghanistan: Maternal & Under 5 Nutrition & Child Health (MUNCH)	M	•	•	•	•	•	•						
Chad: Saving Children's Lives	M	•	•	•	•	•		•			•		
India: Start Strong (ttC)	M	•	•	•	•	•		•					
India: Start Strong (GMP/PD Hearth)	M	•	•	•	•	•		•					
India: Sishu Janani Seva		•	•	•	•	•		•					•
India: Axshya India		•	•	•	•	•		•					•
Indonesia: Posyandu Mobile Health	M	•	•	•	•	•							•
Mali: Saving Children's Lives	M	•	•	•	•	•		•			•		
Niger Integrated Child Health Service Project (NICe-RAcE)	M	•	•	•	•	•		•					
Niger: Saving Children's Lives	M	•	•	•	•	•		•			•		
Rwanda: EKN Nutrition		•	•	•	•	•	•	•		•			•
Sierra Leone: Community Management Mobile & Health Data System	M	•	•	•	•	•		•					•
Sierra Leone: EBOVAC Salone (EBODAC) Ebola Vaccine Trial	M	•	•	•	•	•		•					
Uganda: mHealth for AIM	M	•	•	•	•	•		•					
Uganda: Hoima MNCH	M	•	•	•	•	•							

M CommCare/MoTECH

Adapted from A.B. Labrique, L. Vasudevan, E. Kochi, R. Fabricant, G. Mehl, 'mHealth innovations as health system strengthening tools: 12 common applications and a visual framework'. *Glob Health Sci Pract.* 2013;1(2):160-171.
* Currently World Vision does not have projects that offer this area of functionality.

Health & Nutrition Project Models Supported

- Timed & Targeted Counseling (ttC)
- Integrated Community Case Management (iCCM)
- Growth Monitoring & Promotion (GMP)
- Positive-Deviance Hearth (PD Hearth)
- Community Management of Acute Malnutrition (CMAM)

mHealth Technology Solutions and Partners

- **Applications:** MOTECH, CommCare, RapidSMS
- **Mobile Phones:** Asus Zenofone 2, Micromax [A-94, A-104, Unite], NOKIA 205, Samsung [Galaxy J2, Galaxy DUOS S7562i, S7392, GT-S7582]
- **Mobile Network Operators:** Africel, Airtel, IDEA, Malitel, MTN, Orange, Roshan, SierraTel, Telkomsel

Key Stakeholders

- Ministries of Health
- Ministries of Information and Communication
- District and Local Government
- District and Community Health Centres
- District Community Leaders and Groups

- Afghanistan Center for Training and Development (ACTD)
- Bakhtar Development Network (BDN)
- Integrated Child Development Service (ICDS)
- International Medical Corps (IMC)
- MOVE Welfare Organization
- National Health Mission (NHM)
- College of Medicine and Allied Health Sciences (COMAHS)
- Institute of Development Studies UK

- London School of Hygiene and Tropical Medicine
- Trinity College of Dublin, Centre for Global Health
- University of Sierra Leone
- Dimagi
- Grameen Foundation
- Janssen
- National Telecommunications Commission (NatCOM)
- World Health Organization (WHO)

Key Funding Partners

- Global Affairs Canada
- USAID (including OFDA)
- Baxter Foundation
- Global Fund to Fight AIDS, Tuberculosis, and Malaria
- HSBC

- ACDI/VOCA
- UNICEF
- UK Aid/DFID
- Irish Aid
- EU Innovative Medicines Initiative
- The Bill and Melinda Gates Foundation
- Private Donors
- WV Canada
- WV Indonesia
- WV Niger
- WV United States

Scale up Status

Scale up planned and budgeted

- India: Sishu Janani Seva
- Indonesia: Posyandu Mobile Health
- Sierra Leone: Community Management Mobile & Health Data System
- Sierra Leone: EBOVAC Salone (EBODAC) Ebola Vaccine Trial
- Uganda: mHealth for AIM

Seeking additional funding for scale up

- Mali: Saving Children's Lives
- Uganda: Hoima MNCH

Afghanistan's MUNCH project and Niger's NICe-RAcE project continue to pursue plans for scale up. The remaining mHealth projects have not initiated discussions nor are planning for scale up currently.

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