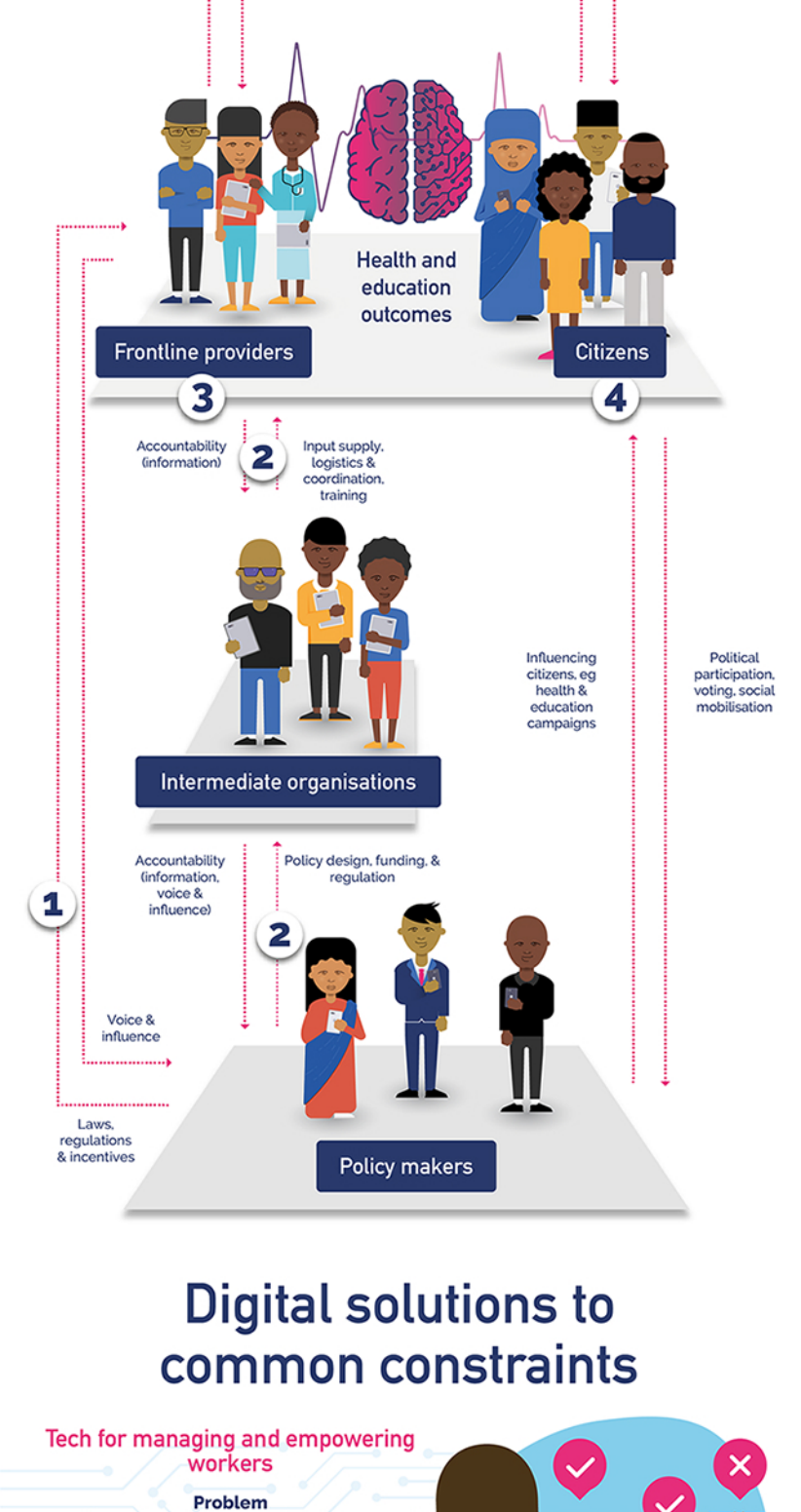


Technology can dramatically improve health and education for everyone and transform lives



Data from World Bank (2019c)
Note: This is a comparison of learning outcomes ("learning adjusted school years") from countries where the average student is expected to get 8 years of schooling.



Digital solutions to common constraints

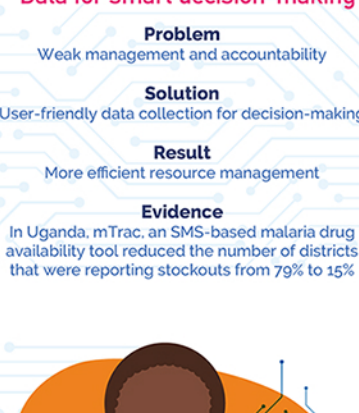
Tech for managing and empowering workers

Problem
Frontline workers disconnected from policymakers

Solution
Monitoring and direct digital feedback

Result
Empowered, accountable, data-driven staff

Evidence
In Mali, direct digital feedback led to better impact, with health workers visiting 40 more houses per month (a 10% increase)



Data for smart decision-making

Problem
Weak management and accountability

Solution
User-friendly data collection for decision-making

Result
More efficient resource management

Evidence
In Uganda, mTrac, an SMS-based malaria drug availability tool reduced the number of districts that were reporting stockouts from 79% to 15%



Digital learning for skilled workers

Problem
Staff often lack specialist skills

Solution
Online and digital training

Result
Better-quality services delivered by well-trained workers

Evidence
An online course effectively provided HIV training to 900 Zambian clinicians, leading to improved health outcomes



Connecting citizens to services

Problem
Low uptake of health and education services

Solution
Targeted digital reminders

Result
Better-attended services, and healthier and better-educated people

Evidence
SMS reminders increased Kenyan HIV-patients' regular use of antiretroviral drugs by over 30%, improving their wellbeing



Five visions

Digital technology can revolutionise the provision of health and education services of the future.



Future building blocks

Infrastructure and human capability

Digital foundations

Blueprint for health and education in a digital age

Four guiding principles

Principle 1.

Analyse: will technology solve your problem?



Principle 2.

Focus on content, data and connections, not hardware for its own sake



Principle 3.

Data is useful only with good digital foundations and building blocks



Principle 4.

Make deliberate efforts to build digital solutions that include everyone

