



BID INITIATIVE

Better data. Better decisions. **Better health.**



BID Initiative – Sustainability & Scale

Global Digital Health Forum, 5 December 2017

BID Initiative

Designing a replicable
and holistic solution



Bringing together information system products, data management policies, and the practices of people that use them to be tested in a few countries and packaged to deploy at scale in many.

The Challenge

- There are strong challenges related to data quality around immunizations in Africa, yet few can identify which problems matter most and where.
- Lack of reliable, accessible, actionable data on the barriers impeding immunizations coupled with trained and empowered data users at all levels.

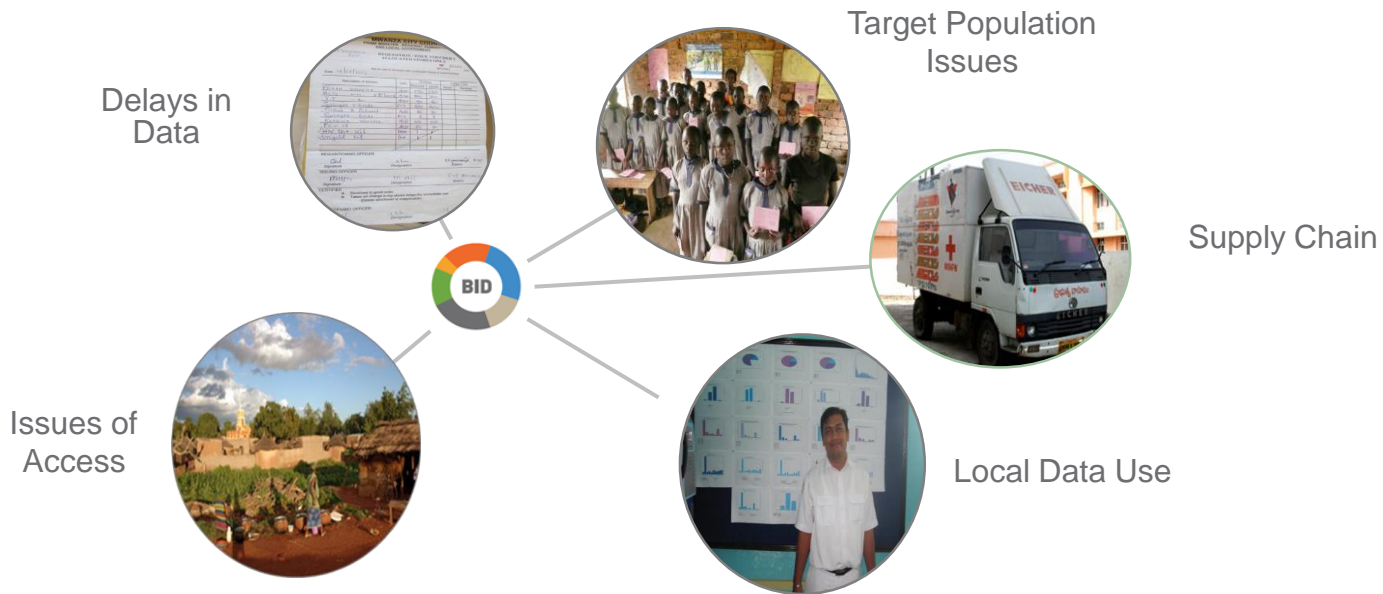
The Vision

- Empower countries to enhance immunization and overall health service delivery through improved data collection, quality, and use.

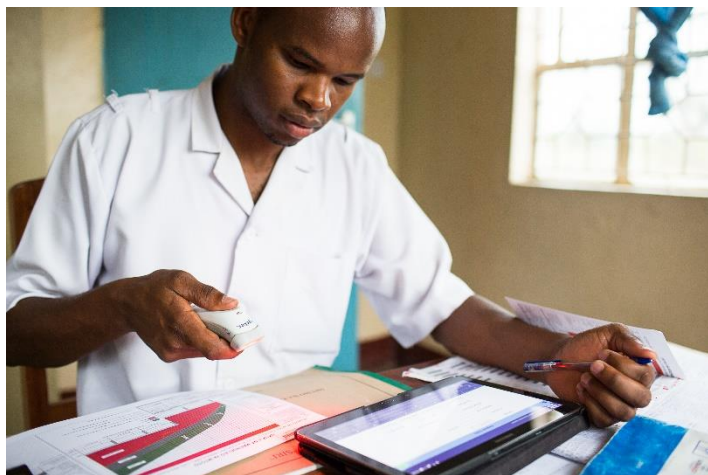
The Approach

- Partner with demonstration countries Tanzania and Zambia to:
 - Identify the most pressing routine immunization service delivery problems.
 - Develop, perfect, and scale solutions with the users on the ground throughout the health system.
 - Facilitate peer learning with other sub-Saharan African countries in design, testing, and applying interventions.

Products, Policies & Practices, People - Challenges



Electronic Immunization Registries



ZEIR Linda + 🔔 🔍

Search name or ID 🔍 Scan QR code

	Fred Maina M/G	2796882	3w 3d	
	Smith Maina M/G	2796908	6m	Record weight
	Hannah Kemunto M/G	2285666	10w 5555	
	Mike Maweu	1756105		Record weight

Summary Enter Weight(s) Current Visit Demographics History More

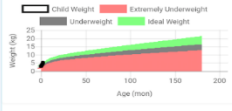
Name(s): Oswald
DOB: 2017-04-08 06:00:00
ID#: 1000386415 [View Profile](#)
Summa(s): Luoga
Gender: Male
Assigned Facility: Valeska Dispensary
Village: Mbuguni, K. Arumeng, District, Arusha Region, TANZANIA
Mothers Info: Name: Esther Musili

Doses

	0	1	2	3
OPV	09-04-2017 ✓	19-06-2017	17-07-2017	
BCG	09-04-2017 ✓			
ROTA		19-06-2017		
DTP-Hib-HepB		19-06-2017	17-07-2017	
PCV13		19-06-2017	17-07-2017	
MR		08-01-2018	10-10-2018	

Overdue Completed Upcoming Appointment

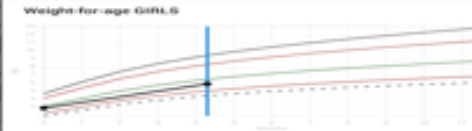
Weight



Legend: Child Weight, Underweight, Ideal Weight, Extremely Underweight

Tina Banda
2014-1-1 22405116 Age: 4m 5w

Weight-for-age GIRLS



PREVIOUS WEIGHTS

Age	Weight	Z-score
4m 5w	8.0 Kg	-0.6
0d	3.0 Kg	-0.5

Done

Data Use Interventions

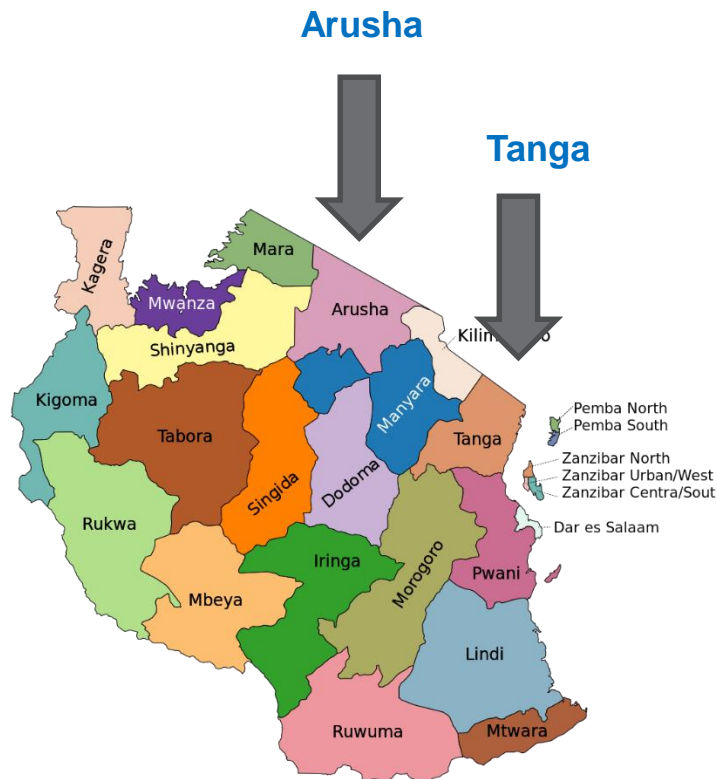


- Workflow redesign
- User Advisory Group (UAG)
- Data visualization/dashboards
- Micro-training videos
- Data use campaign
- Data use guides
- Peer networks (WhatsApp)
- Targeted supportive supervision



Tanzania experience

- Completed intervention design, testing, and fine-tuning
- Interventions rolled out across the Arusha & Tanga regions – EIS and data use interventions
- 611 facilities implementing solutions.
- Over 160,000 children registered in the immunization registry
- Expanding to other regions – Dodoma & Kilimanjaro
- Scale and sustainability planning





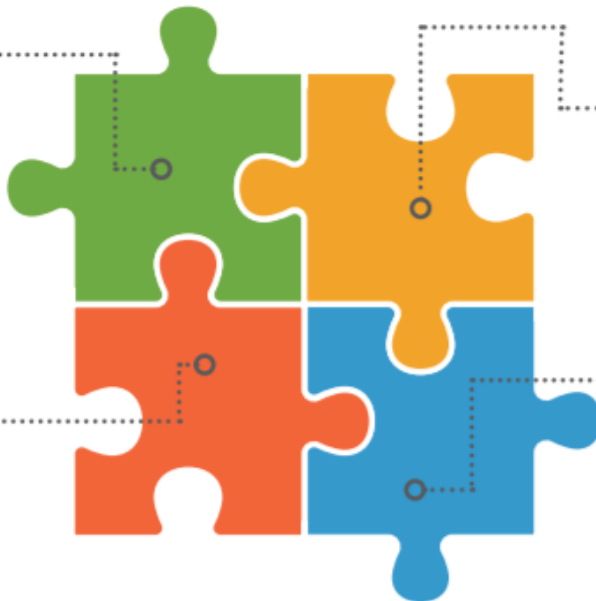
There are four critical elements to sustainability

POLICY

Understand the policy environment present in the country, including gaps in existing policies and strategies.

INSTITUTIONAL

Identify the level of engagement and participation across the health system in the design and adaptation of solutions.



TECHNICAL

Map government capacity to manage solutions over the long-term; develop a capacity-building plan to ensure the human skills and necessary infrastructure are in place.

FINANCIAL

Ensure that the cost of maintaining and replacing solutions over time is both feasible for the government and built into the appropriate funding mechanism.

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