



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.

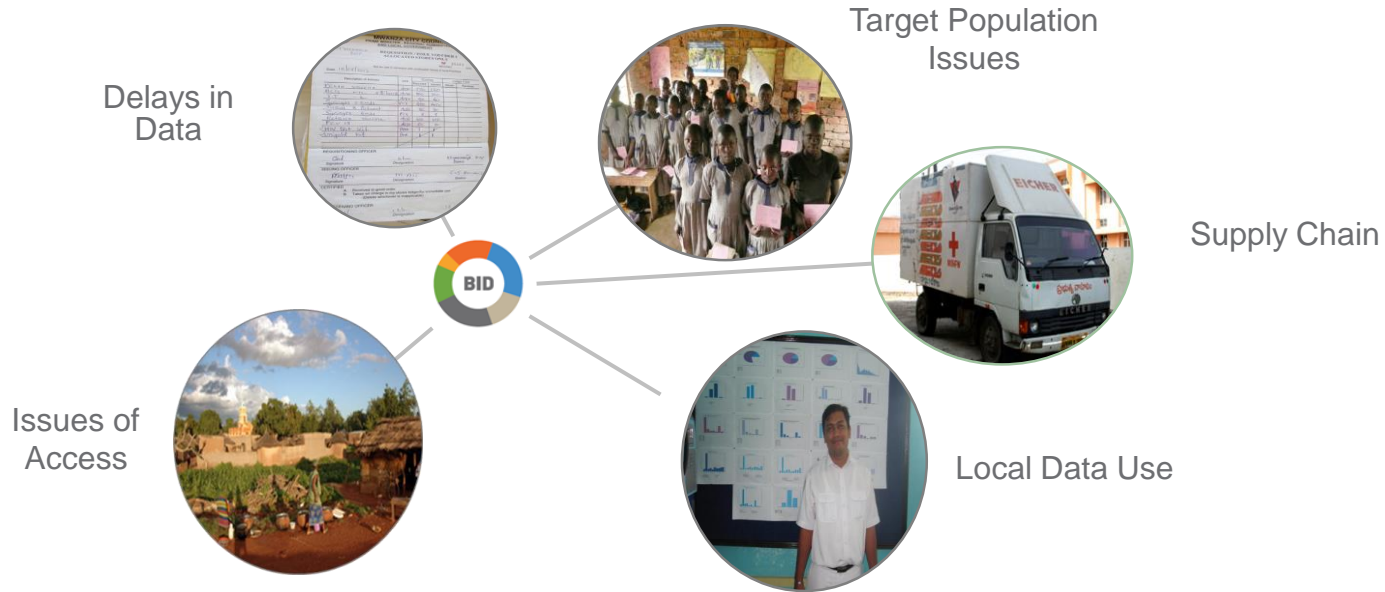
The Vision

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

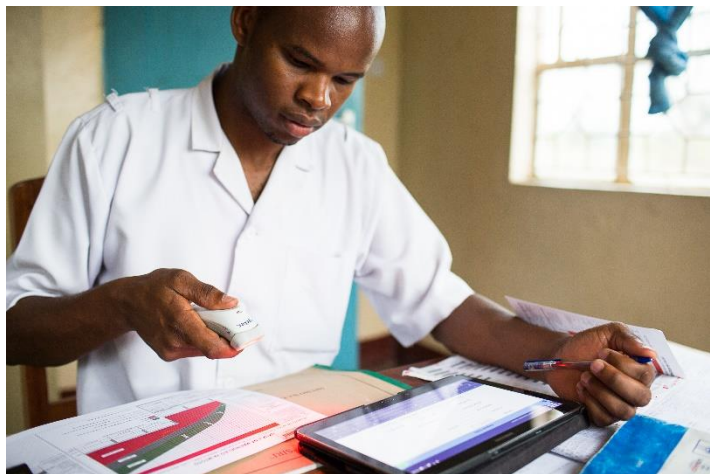
The Approach

- 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 MIG	2796882	3w 3d	
	Smith Maina MIG	2796908	5m	Record weight
	Hannah Kemunto MIG	2285666	10w 5555	
	Mike Mawez MIG	1756105		Record weight

Tina Banda Age: 4m 5w

Weight-for-age GIRLS

PREVIOUS WEIGHTS

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

Doses

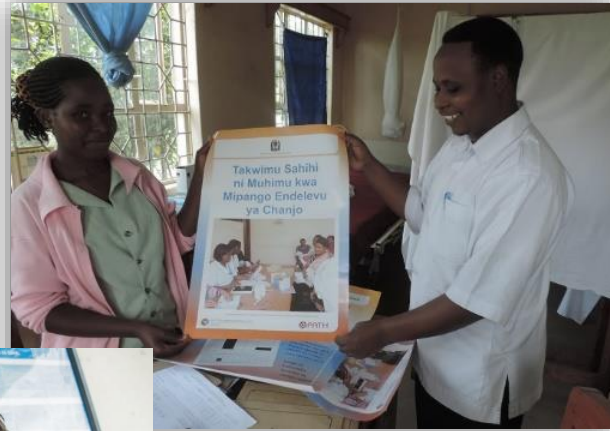
	0	1	2	3
	09-04-2017	19-06-2017	06-07-2017	07-2017
	09-04-2017			
		19-06-2017		
		19-06-2017	17-07-2017	2017
		19-06-2017	07-2017	
	08-01-2018	01-10-2018		

Legend: █ Child Weight █ Extremely Underweight █ Ideal Weight █ Underweight

Weight (kg) vs Age (month) graph showing weight trends.

Legend: ● Overdue ● Completed ● Upcoming ● Appointment

Data Use Interventions

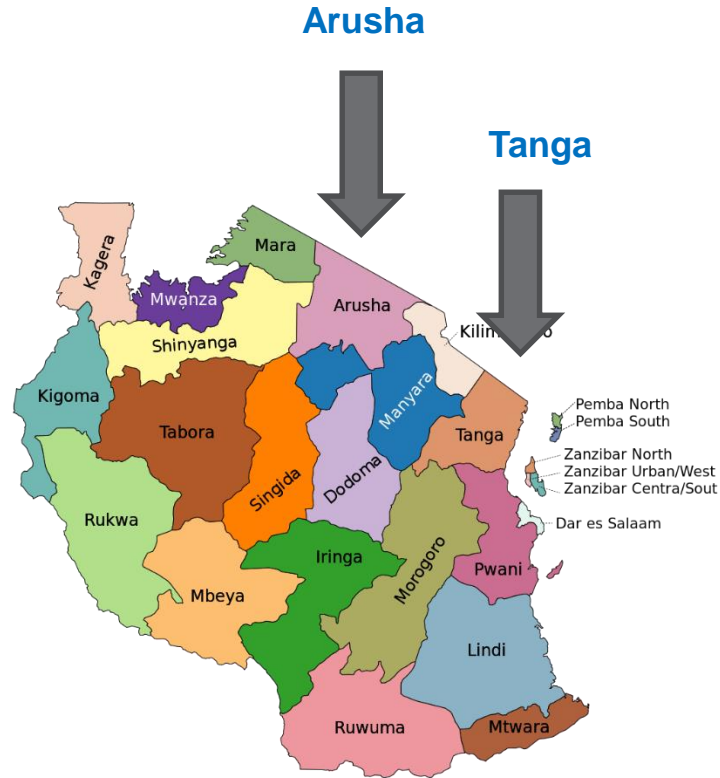


- Workflow redesign
- User Advisory Group (UAG)
- Data visualization/dashboards
- Micro-training videos
- Data use campaign
- Data use guides
- Peer networks (WhatsApp)
- Targeted supportive supervision



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





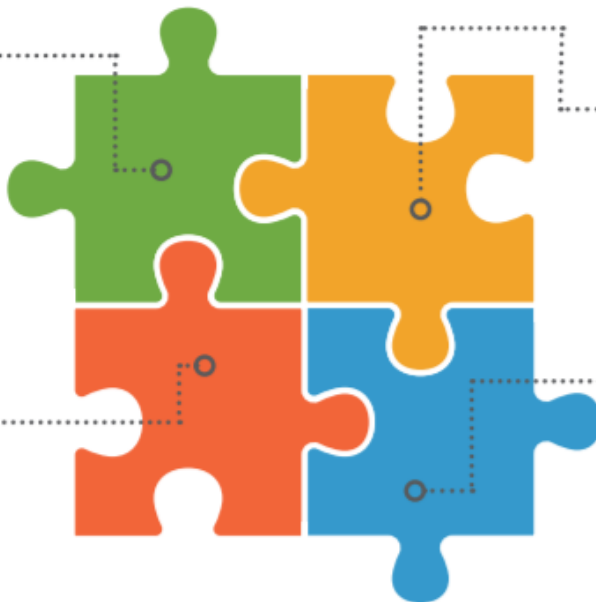
There are four critical elements to sustainability

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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