

Eras of mHealth

Innovation and Experimentation
II
Discordant Proliferation
III
Scrutiny and Consolidation
IV
Integration and Scale



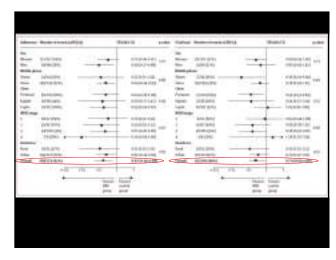




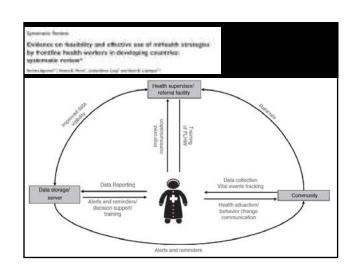




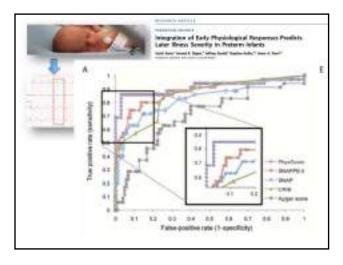




Targeting the WORKFORCE



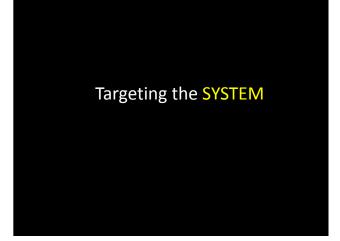




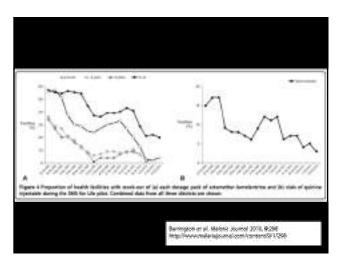


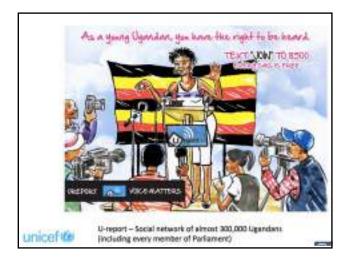




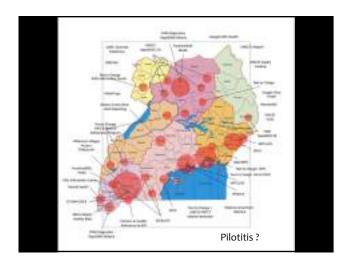


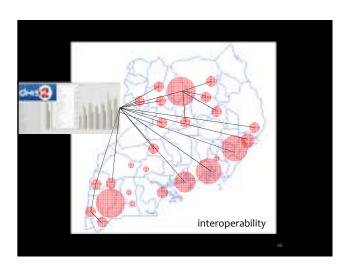


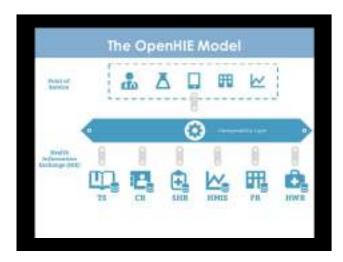








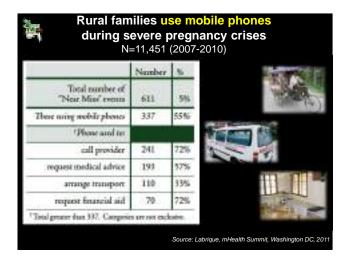


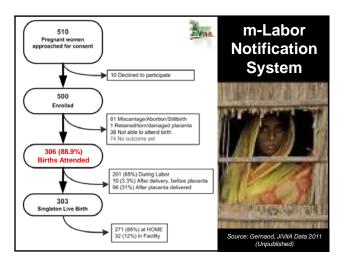


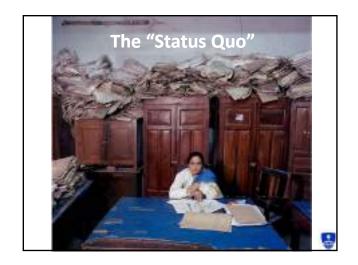






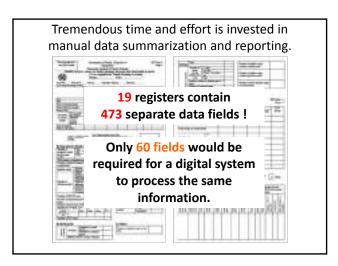




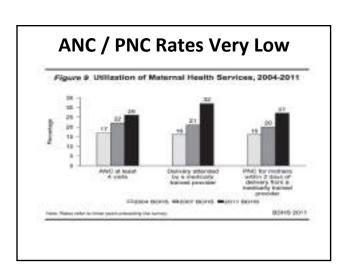


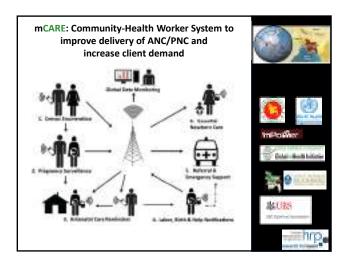




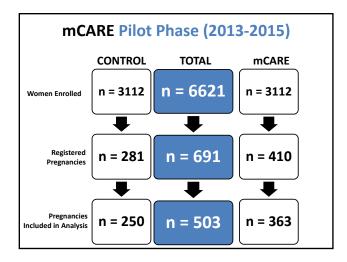


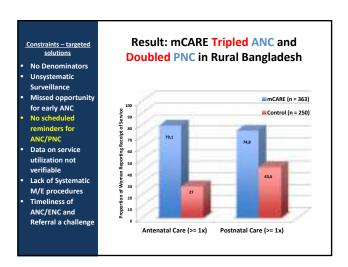


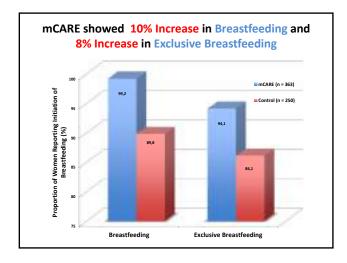




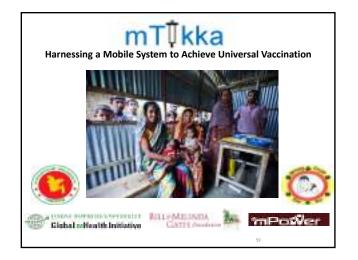


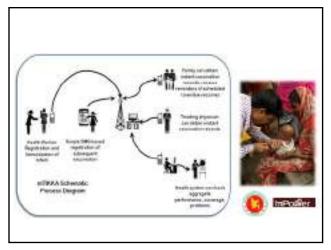












mTikka improves vaccination COVERAGE

	Intervention: Rural Control: Rural			ral	DID and		
Vaccination status by	Baseline	Endline	Difference	Baseline	Endline	Difference	OR (with 95%
type	(n=131)	(n=69)	(95% CI)	(n=126)	(n=67)	(95% CI)	CI)
							(n=393)
Fully vaccinated (BCG	58.9	76.8	18.8*	65.9	55.2	-10.7*	29.5
+ Penta3 + MR)			(5.7, 31.9)			(-25.2, 3.9)	3.8* (1.5, 9.2)
Vaccination status by	Intervention: Urban			Control: Urban			
type	(n=150)	(n=98)		(n=110)	(n=112)		(n=470)
Fully vaccinated (BCG	40.7	57.1	16.5*	44.5	33.9	-10.6*	27.1
+ Penta3 + MR)			(3.9, 29.0)			(-23.4, 2.2)	3.0*(1.4, 6.4)

Vaccination coverage (in %) among infants over 298 days in intervention and control areas with difference-in-difference (DID) and logistic model odds ratio (OR)

Ref: Uddin et al. (2015) Vaccine

mTikka improves TIMELY vaccination

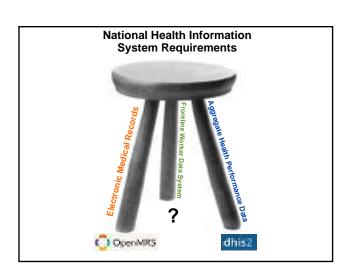
Vaccination	Mother	's recall	Vaccination card		
status	Control n = 59	Intervention n = 59	Control n = 59	Intervention n = 59	
Fully vaccinated by 3 months of age (BCG + Penta3	6.8%	22%	5.1%	25.4%	

Vaccination coverage (in %) among infants by 3 months of age in intervention and control areas, by mother's recall or vaccination card data.

Ref: Vasudevan et al. (2015) Manuscript in preparation

Globally, similar Frontline Health Worker solutions have evolved.

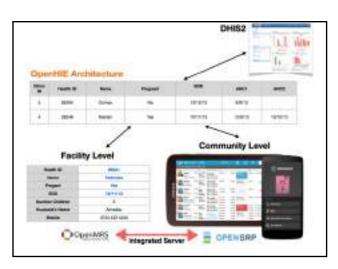
Few to none are Enterprise-Grade.



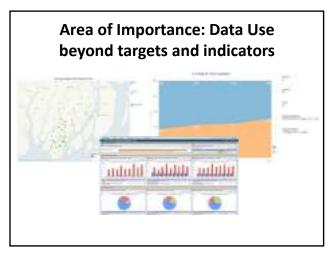
























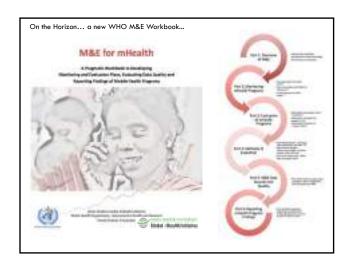


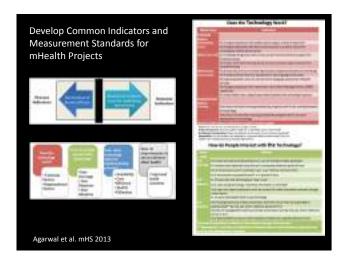


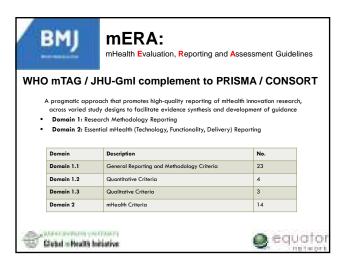




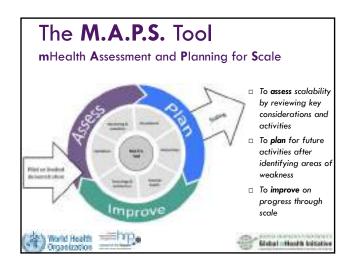
Measuring impact is essential part of scaling up and should NOT be an afterthought, or relegated to "budgetary leftovers".

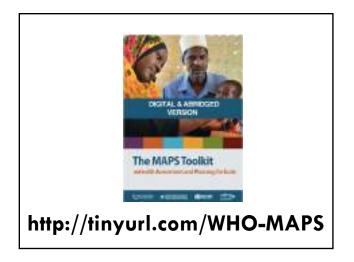


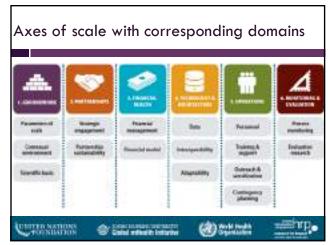


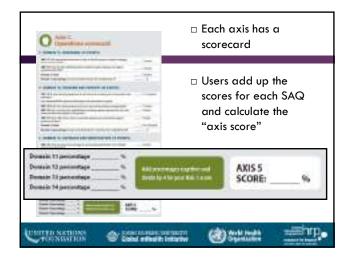


Building for SCALE is not simple or cheap. Most "pilots" were not built to scale.



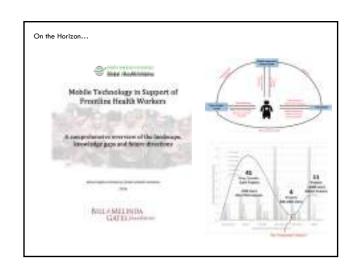








Simplicity may be the key to initial scale-up and integration.



Engage Government from the beginning of the innovation cycle .









Learn from each other's successes and failures. Build on other's work, not recreating the 'wheel'.



