

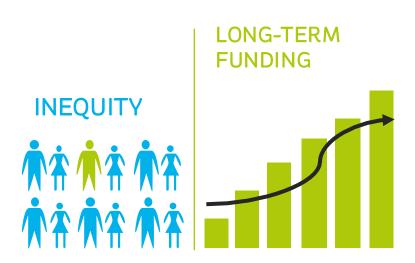
FIGHTING CHILDHOOD PNEUMONIA

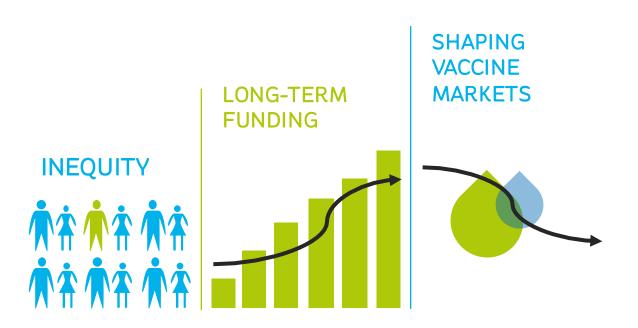


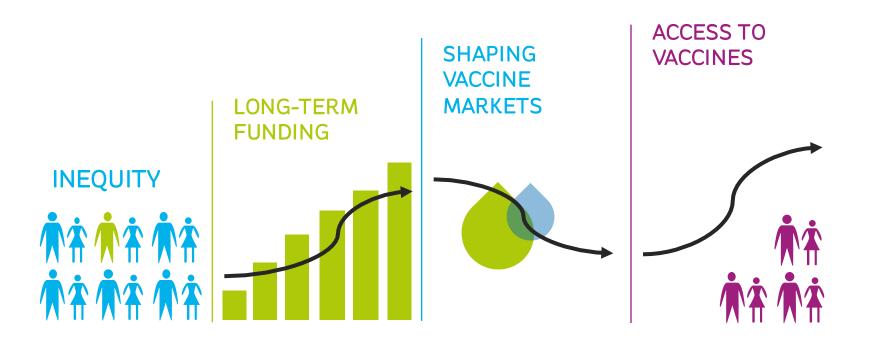
AGENDA

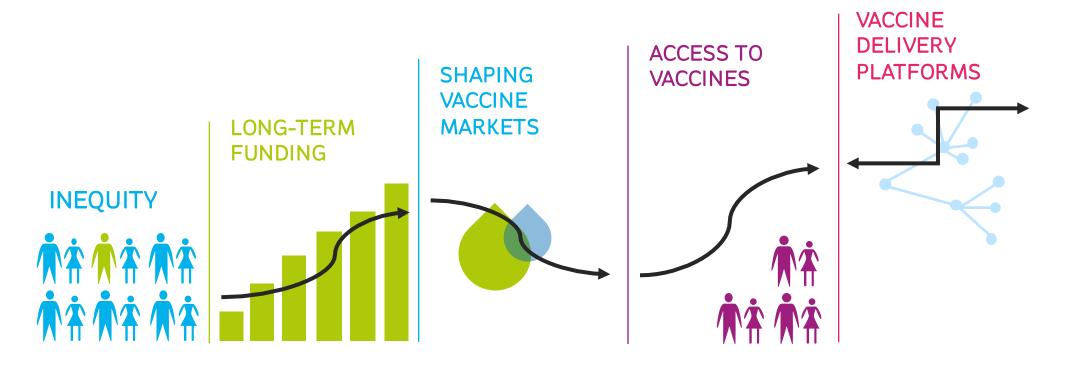
Long Current Allocation Key Program Term Analysis of Funds Program Areas to Impact Improve

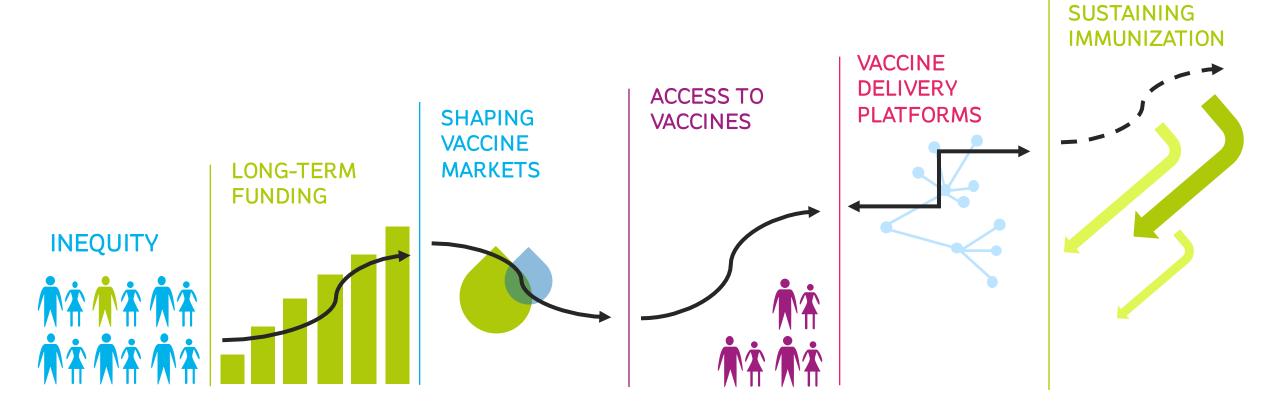












Awareness

1
Awareness

2

Accuracy

Awareness Accuracy Availability

PROGRAM ANALYSIS

	Weight	Healthcare Provider Training	Village Health Teams	Patient Awareness Campaign	Sustainable Drug Seller Initiative
Cost Efficiency	.35				
Risk Factor	.25				
Sustainability	.25				
Infrastructure	.15				
Cumi	ulative Score				

PROGRAM ANALYSIS

	Weight	Healthcare Provider Training	Village Health Teams	Patient Awareness Campaign	Sustainable Drug Seller Initiative
Cost Efficiency	.35	80	20	25	90
Risk Factor	.25	80	40	80	30
Sustainability	.25	70	80	90	80
Infrastructure	.15	65	15	90	80
Cumi	ulative Score	75.25	39.25	64.75	71

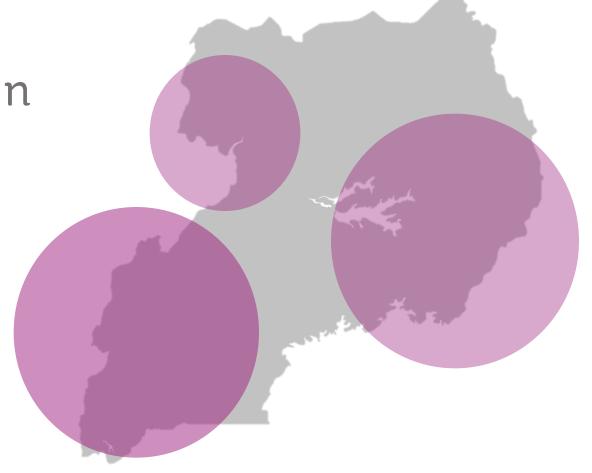
PROGRAM ANALYSIS

	Weight	Healthcare Provider Training	Village Health Teams	Patient Awareness Campaign	Sustainable Drug Seller Initiative
Cost Efficiency	.35	80	20	25	90
Risk Factor	.25	80	40	80	30
Sustainability	.25	70		90	80
Infrastructure	.15	65	15	90	80
Cumi	ulative Score	75.25	39.25	64.75	71



DISTRICTS OF FOCUS PATIENT AWARENESS CAMPAIGN

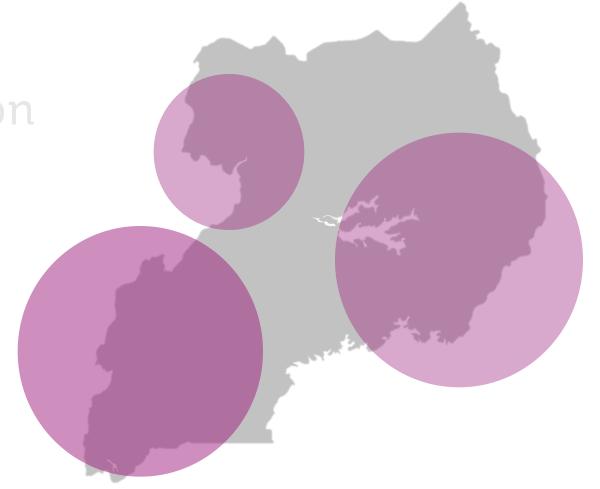
90% Of the population is rural



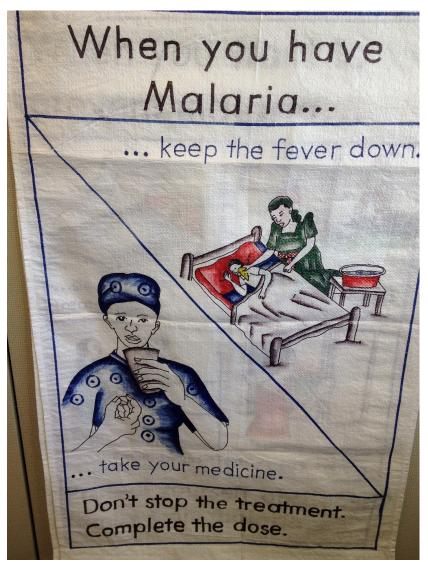
DISTRICTS OF FOCUS PATIENT AWARENESS CAMPAIGN

90% Of the population is rural

67% Population literacy



MALARIA AWARENESS CAMPAIGNS

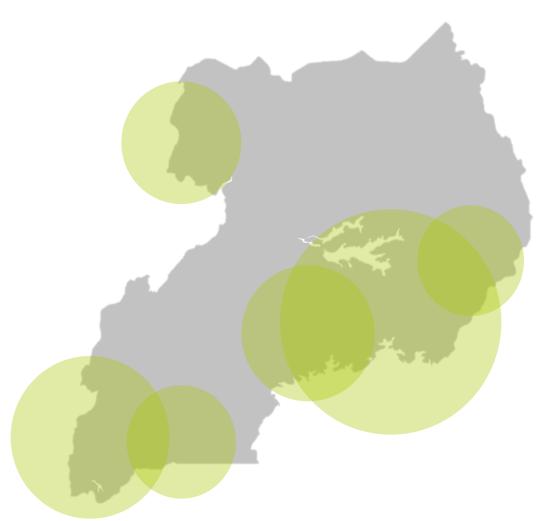








HEALTHCARE PROVIDER TRAINING



Densely populated areas with existing clinics

HEALTHCARE PROVIDER TRAINING



Densely populated areas with existing clinics

Coverage of entire country

OLIMAI COMMUNITY HEALTH CARE CENTRE POBOX 203. KUMI 15L. 0772624548.0712220694. 0392826585.0702721616. 01imai oce @g mail.com







SUSTAINABLE DRUG SELLER INITIATIVE

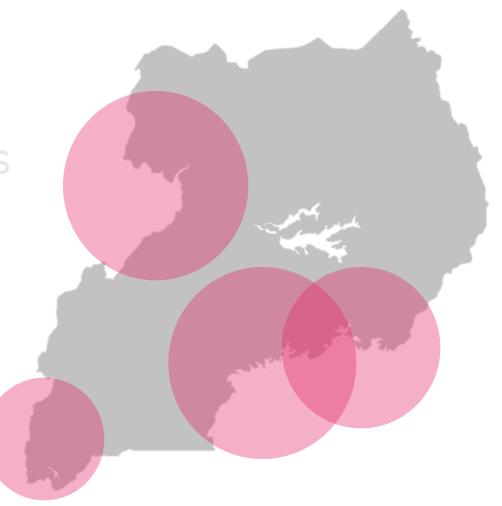
Rural areas
without public clinics



SUSTAINABLE DRUG SELLER INITIATIVE

Rural areas
without public clinics

2 Urban areas lacking resources







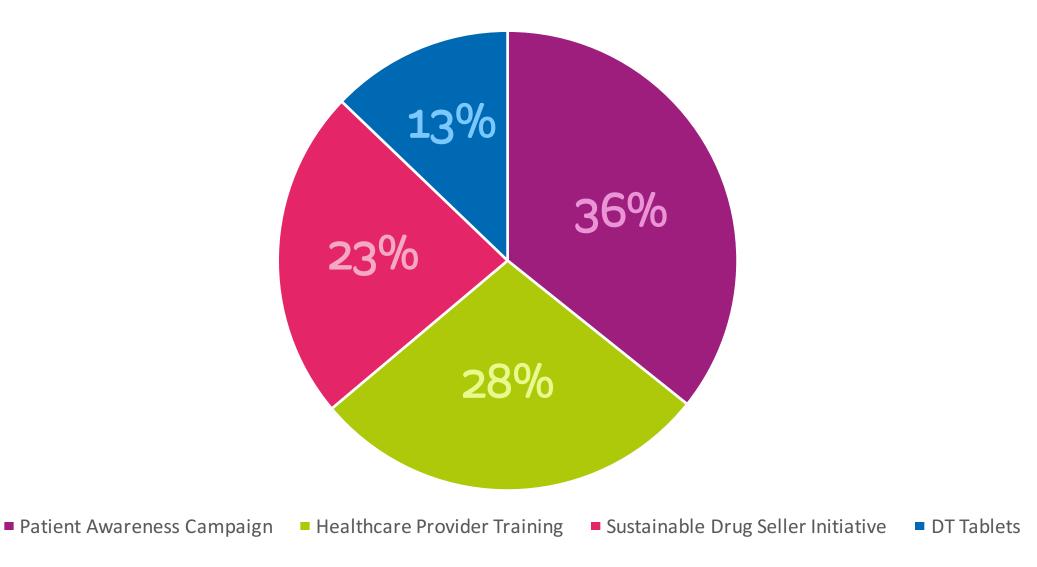
IMPLEMENTATION TIMELINE



IMPLEMENTATION TIMELINE

Program	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Healthcare Provider Training	\$5,000,000	\$2,000,000	\$720,000	\$720,000		
Sustainable Drug Seller Initiative	\$4,000,000	\$1,430,000	\$720,000		\$420,000	\$420,000
Public Awareness Campaign			\$1,990,000	\$2,710,000	\$3,010,000	\$3,010,000
Investment in Drug Availability	\$1,000,000	\$570,000	\$570,000	\$570,000	\$570,000	\$570,000

ALLOCATION OF TOTAL INVESTMENT





APPENDIX

CHALLENGES IN VACCINE PROGRAM	KEY AREAS OF IMPROVEMENT	PROGRAM ANALYSIS	AWARENESS	ASSUMPTIONS ANALYSIS
ACCURACY	AVAILABILITY	TIMELINE	INVESTMENT TIMELINE	COST OF DT
ALLOCATION OF INVESTMENTS	DETAILED ALLOCATIONS	COST EFFICIENCY	WHY DT TABLETS?	MALARIA CAMPAIGN



ALLOCATION OF INVESTMENTS

	Patient Awareness Campaign	Healthcare Provider Training	Sustainable Drug Seller Initiative	DT Tablets
Percentage Of Funds	Campaig.	8		2
1	0	0.5	0.4	0.1
2	0	0.5	0.3575	0.1425
3	0.4975	0.18	0.18	0.1425
4	0.6775	0.18	0	0.1425
5	0.7525	0	0.105	0.1425
6	0.7525	0	0.105	0.1425
Spend by Year				
1	0	5000000	4000000	1000000
2	0	2000000	1430000	570000
3	1990000	720000	720000	570000
4	2710000	720000	0	570000
5	3010000	0	420000	570000
6	3010000	0	420000	570000
	10720000	8440000	6990000	3850000
Coverage %				
1	0	0.986874568	1	
2	0	0.394749827	0.3575	
3	0.1098234	0.142109938	0.18	
4	0.149558499	0.142109938	0	
5	0.16611479	0	0.105	
6	0.16611479	0	0.105	

COST EFFICIENCY

Annual Costs										
Healthcare Provider Training	Clinics	Oximeter (Cost	Patient Awareness Campaign		Districts	Cost/District	t Months	Coverag	ge
		3300	505				112	20000	3	0.5
Training Cost	3400000			Cost to Reach everyone	17920000)				
Cost of Oximeter	1666500			Fixed Costs	200000)				
Total Cost	5066500			Total Costs	18120000)				
Sustainable Drug Seller Initiative	Cost of Pro	ogram Coverage		Village Health Teams		Districts	Covered Dis	stricts Coverage		
		800000	0.2				112	34	0.5	
Total Cost	4000000			Total Cost	18447058.82)				
Total Cost	400000			Total Cost	18447058.82	2				

UNWEIGHTED PROGRAM ANALYSIS

	Village Health	Sustainable Drug Seller	Patient Awareness	Healthcare Provider
	Teams	Initiative	Campaign	Training
Cost Efficiency	20	90	25	80
Risk Factor	40	30	80	80
Sustainability	80	80	90	70
Infrastructure	15	80	90	65

VILLAGE HEALTH TEAMS

S

- Multi purpose
- Increase diagnoses
- Recommend proper medication



- Physically hard to implement
- Only in 34 district out of 112
- Expensive cost



- Expand into more districts
- Gives people valuable training
- Can reduce pneumonia by up to 60%



- Civil unrest
- High risks
- High turnover rates

THE SUSTAINABLE DRUG SELLER INITATIVE

S

- Diagnose and treats Pneumonia
- Drugstores are more prevalent and available than clinics
- Caters to the high demand of patients that opt for self-treatment



- Drug store works don't always recognize signs of pneumonia
- Monitoring by the government is infrequent
- Take a couple years to expand into other

O

- Opportunity to expand into other districts
- High chance to reach greater number of people



- Incentive to prescribe regardless of need
- Gives credibility to unlicensed shop keepers

PATIENT AWARENESS CAMPAIGNS

S

- Effects most people
- Far reaching across Uganda
- Proven to work and
- Has the need infrastructure



- Doesn't directly reach younger generation
- Doesn't help the immediate situation



- Raising awareness can lead to better health outcomes
- Expand into rural Uganda
- Can affect people habits



- Success is linked to the availability of treatment
- Costly

HEALTHCARE PROVIDER TRAINING AND DIAGNOSTIC



- Helps diagnose more people with pneumonia
- speeds up patient case time
- Improves effectiveness of the diagnoses



- Does not help treat pneumonia
- Requires repurchasing of equipment



- Increases awareness
- Can effect multiple patients over a long period of time



Has three parts so it is somewhat more complex

WHY DISSOLVING TABLETS?



ASSUMPTIONS IN ANALYSIS

Patient Awareness Campaign

Low Risk Factor – concern is that it doesn't reach enough people

High Sustainability – awareness is easily spread

Large Infrastructure – radios can be listened to by many and the infrastructure is in place for people to spread via word of mouth

Healthcare Provider Training

Low risk — concern is that not enough people can get to clinics High Sustainability — once doctors are trained, it is easy for them to diagnose pneumonia for a long time Fairly Large Infrastructure — 3300 clinics (public and private), but not close to everyone

Village Health Teams

Medium-High Risk Factor – people might leave to go work elsewhere after they are trained

High Sustainability – once you have a team in place, easy to continue treating patients (even if a few members leave, still left with others on site)

Small Infrastructure — currently only serving about 15% of the population so there would have to be many new teams formed and implemented in many different regions

Sustainable Drug Seller Initiative

High Risk Factor — Drug sellers might take advantage of patients and overprescribe them, costing more money and not necessarily helping with the problem. They are not licensed doctors so that could be a problem as well High Sustainability — Unlikely that established drug stores will go out of business, especially if they receive valuable training Large Infrastructure — 5000+ drug stores that are accessible by many in Uganda

COST OF TABLET INTRODUCTION

Approx Doses/Child Chlidren Covered Price/Dose Total Cost 20 950000 0.03 570000

SOLUTIONS TO VACCINE CHALLENGES

INEQUITY

FAIR PRICE

SUSTAINABILITY

- Go to rural Uganda
- Focus on lower income

- health network
- Allie with other nations
- Domestic production

- Work with the Clinton
 Ensure future health network
 - Create an infrastructure