



SMS for Life

Using market information to support public health

MMV 11th Stakeholder Meeting

3rd June 2011



Overall Goal

To eliminate ACT and Quinine Injectable “stock outs” at all health facilities in Tanzania

- Using a combination of SMS text messages and electronic mapping technology to monitor Health Facility stocks of ACT and Quinine on a weekly basis throughout Tanzania.
- stock visibility will support the elimination of stock outs, reducing the number of deaths from malaria.

Project structure

An RBM partnership initiative

- MoHSW ownership
- led by Novartis and MMV
- with the support and collaboration of PSI, SDC and Vodacom



“SMS for Life”

Improving medicine access through innovation

A Roll Back Malaria Partnership Initiative

1 Receive a text message requesting stock information



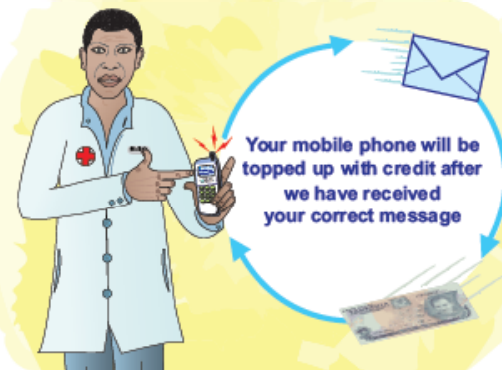
2 Count stock



3 Compose and send an SMS message to: 15009

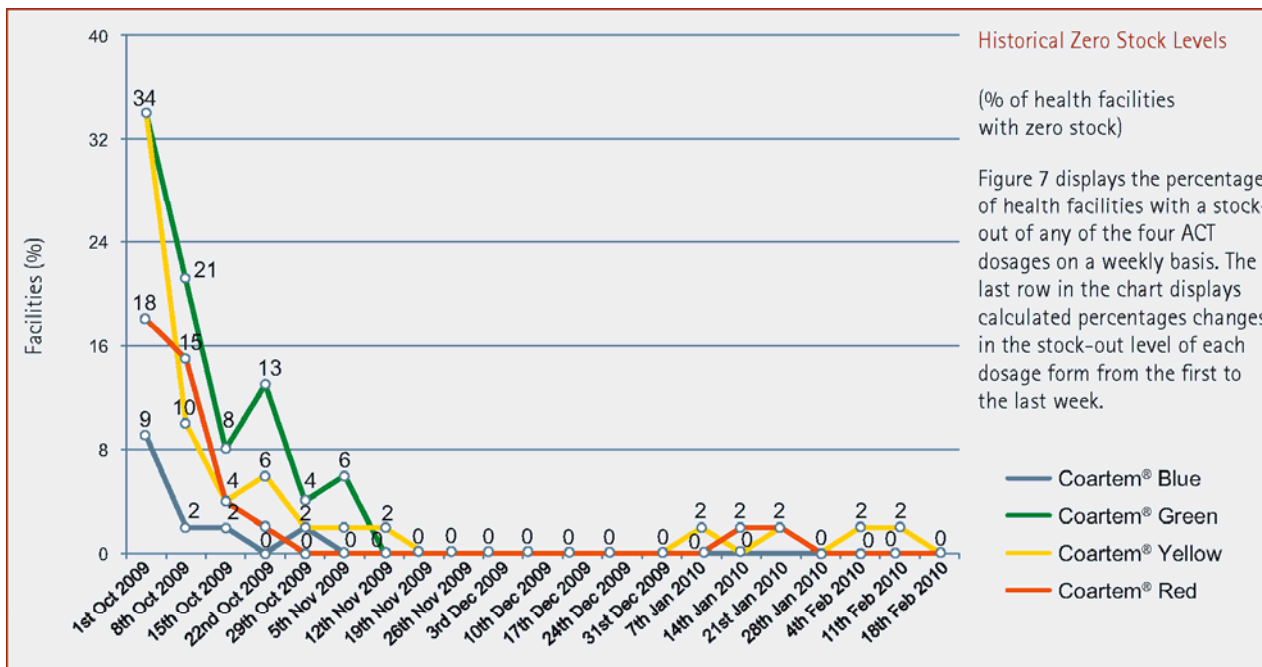


4 Receive free air time credit



Pilot stage 2009/2010

- Lindi Rural, Ulanga, Kigoma Rural
- Results: 77% 'stock outs' reduced to 26%

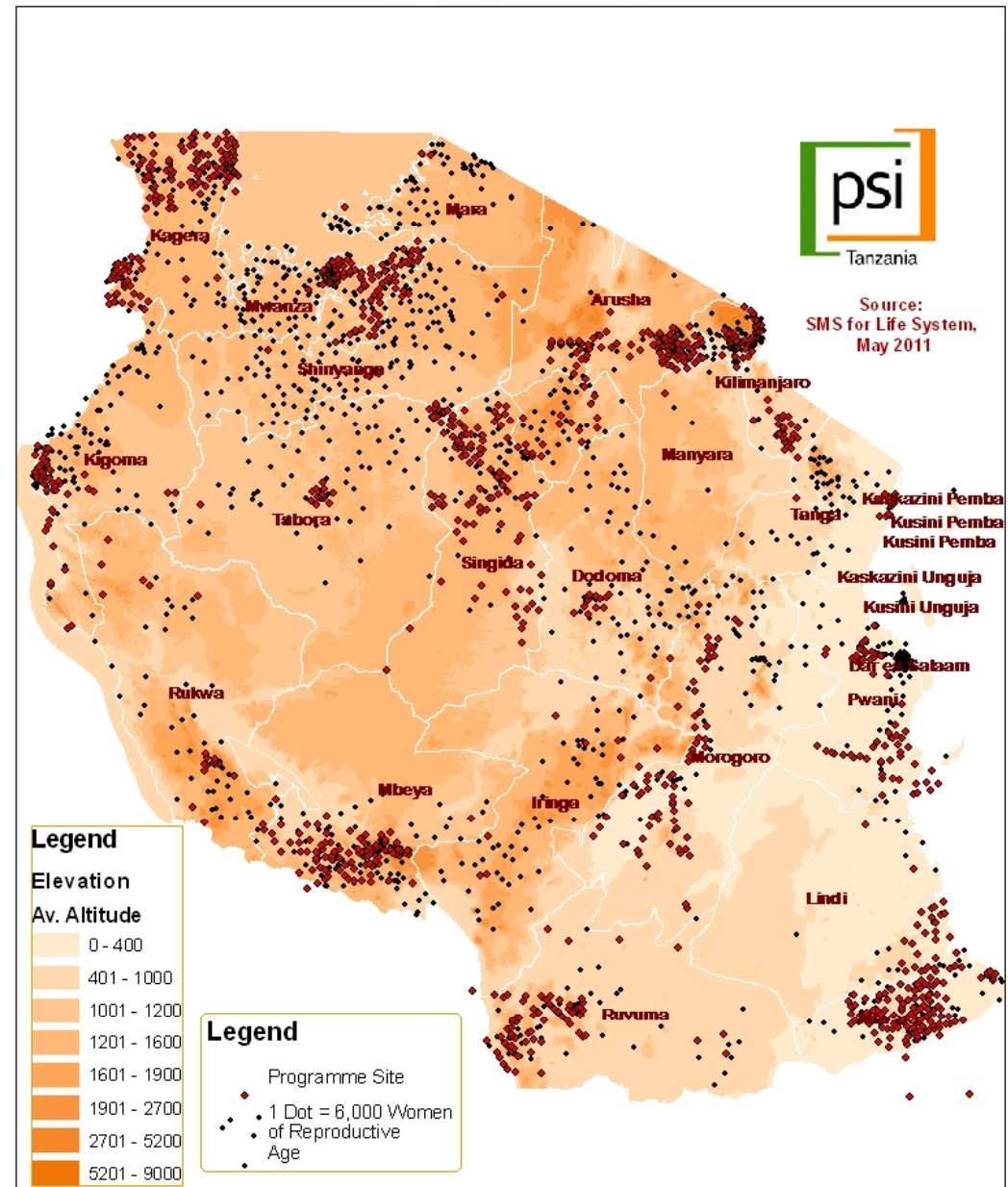


- Lindi Rural – % of the 48 facilities with a stock-out by ACT dosage form

Map of Tanzania Showing SMS for life
Rollout - May 2011

Rollout progress

- National scale up 2011
 - 62 districts to date
 - 2,261 health facilities (45.2% of total)
 - The scale-up will end in October 2011
 - Using M-Pesa to pay per diems



Reporting – Geographic Mapping

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address <http://test.smsforlife.org/> Go Links

SMS for Life jimbarington007@gmail.com | [Help](#) | [Sign out](#)

Show facilities:

Stocking out of:

Districts

Facilities currently out of any Coartem or Quinine

All	19
Kigoma Rural	4
Lindi Rural	9
Ulanga	6

Facilities

	Y	B	R	G	Q
Dimba	0	53	74	88	38
Kingurundundwa	0	76	60	42	53
Makangara	38	87	40	22	0
Milola	0	81	75	75	70
Mipingo	63	78	4	43	0
Namangale	0	50	15	42	51
Nangaru	87	74	0	2	4
Narunyu	0	0	21	77	99
Ng'apa	30	14	0	62	13

Map Satellite Hybrid Terrain

Milola
 Yellow Coartem (6): 0
 Blue Coartem (12): 81
 Red Coartem (18): 75
 Green Coartem (24): 75
 Quinine Injectables: 70

Challenges

- Technical challenges
 - IT literacy of DMOs
 - Payment of incentives
 - Network issues

Successes

- Ease and acceptability of the system
- Rapid scale up
- High response rates
 - Low error rates
- M-Pesa for per diems
- Examples of DMOs redistributing stocks

Future opportunities

- Expanding SMS for Life
 - RDTs?
 - Monitoring ACT through ADDOs?
 - Other commodities?