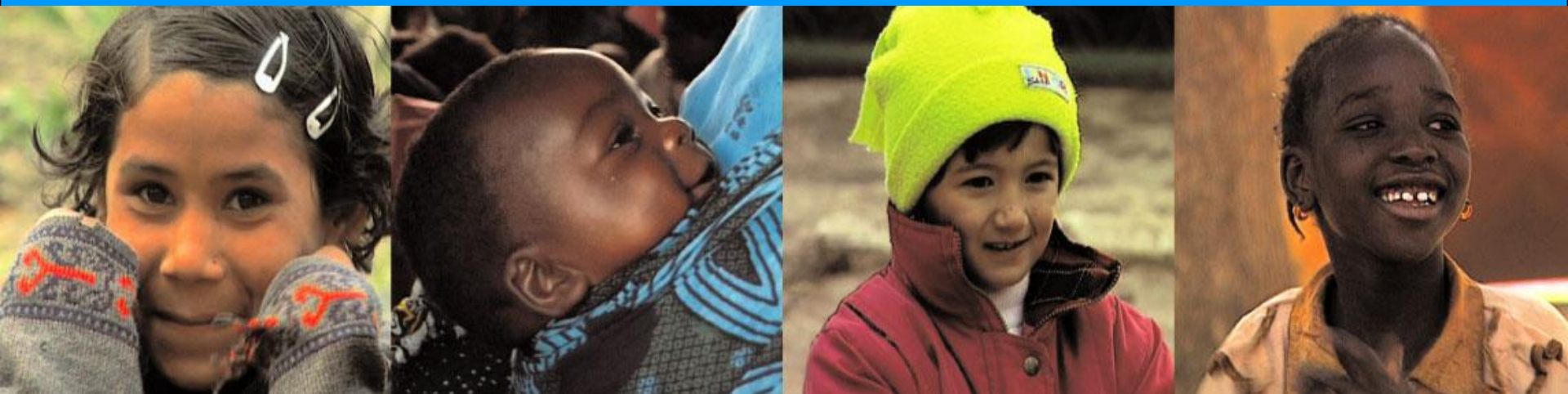


Innovate for Children Initiative

UNICEF Supply Division



unite for
children

unicef 

Opportunity - designing for the other 90%

“The majority of the world’s designers focus all their efforts on developing products and services exclusively for the richest 10% of the world’s customers. Nothing less than a revolution in design is needed to reach the other 90%. ”

- Dr. Paul Polak, International Development Enterprises

unicef



innovate for children

Overall vision:

To provide efficient and relevant solutions for children.

Convene

convene thought-leaders and experts to identify and adapt solutions

Impact

Foster innovation to deliver maximum results for children

Co-create

bring challenges and ideas from the “field” to solution-makers and innovators

Open Source

Create open source platforms, products and services. Share knowledge!

Inspire

Provide strategic guidance and coordination to allow UNICEF offices to utilize and share innovation internally as externally

Scale

Identify solutions that can scale and provide opportunities to bring them to scale

UNICEF Innovation Framework

Main focus areas





BAMBULANCE PROJECT



CHULHA



CHILDBIRTH ASSISTANCE OUTSIDE HOSPITALS





innovate for children

Innovation

Innovate for children

Innovation is happening all the time. We need to find it, capture it, foster it, share it. We invite you to participate and share your thoughts, ideas, user problems, challenges and solutions to meet the MDGs and meet the children's need.

Latest

Problems

Ideas

Solutions

View the latest additions under ideas, user problems and solutions and get inspired to comment, support or submit an idea, user problem or solution.

[Submit](#) | [See all](#)

Vhembe Filter

[Solution](#) under [Water & Sanitation](#)


The filter is an improvement of an existing low cost ceramic filter (Potpaz water filter) submitted by Martin Bolton.

Submitted by [Gerard Magbity](#) on 30/09/2009
Comments (0) | Points (0)

Rescue Bottle

[Solution](#) under [Water & Sanitation](#)


Provision of potable water during floods. Design that was a finalist for the Aspen Design Challenge submitted by Ceren Bagata

Submitted by [Gerard Magbity](#) on 30/09/2009
Comments (0) | Points (0)

innovation challenges for pre-schoolers

[Idea](#) under [Other](#)


Expand the innovation projects to prime and second year students

Submitted by [Jens Grimm](#) on 29/09/2009
Comments (0) | Points (3)

10% of staff time for innovative projects

[Idea](#) under [Internal processes](#)


Let staff use 10% of their time to pursue individual/group projects of an innovative nature

Submitted by [Ian Thorpe](#) on 11/09/2009
[Comments \(1\)](#) | Points (7)



Submit
user problems,
ideas &
solutions



See all
view
submissions &
comments



Discuss
share your
thoughts in
the forum

News

INDEX: | AIGA Aspen Design Challenge Prize Awarded



The winner of the 2008-2009 INDEX: AIGA Aspen Design Challenge, "Designing Water's Future," is Joanna Szczepanska from Monash University Melbourne, Australia, selected for her urban gardening design, [VeggiePatch](#). Read more at [Aspen Design Challenge](#)

Regular topics

**innovation challenges for pre-schoolers**[Idea](#) under [Other](#)

Expand the innovation projects to prime and second year students

Submitted by [Jens Grimm](#) on 29/09/2009 | [Comments \(0\)](#) | [Points \(3\)](#) | Status:**10% of staff time for innovative projects**[Idea](#) under [Internal processes](#)

Let staff use 10% of their time to pursue individual/group projects of an innovative nature

Submitted by [Ian Thorpe](#) on 11/09/2009 | [Comments \(1\)](#) | [Points \(7\)](#) | Status:**Prefabricated classrooms for severe weather**[Solution](#) under [Education](#)

In some climatic situations, tents are not an option for temporary schools. Use this prefab design.

Submitted by [Robert Bell](#) on 31/08/2009 | [Comments \(0\)](#) | [Points \(2\)](#) | Status:**Environmental friendly packaging**[Problem](#) under [Health](#)

Environmental friendly packaging of PlumpyNut

Submitted by [Jane Pfeiffer](#) on 28/08/2009 | [Comments \(0\)](#) | [Points \(7\)](#) | Status:**Virtual warehouse: medicines for children**[Idea](#) under [Health](#)

Combining technology and business process to provide information on medicines for children globally

Submitted by [Atieno Ojoo](#) on 25/08/2009 | [Comments \(1\)](#) | [Points \(5\)](#) | Status:**TarpaTents**[Idea](#) under [Education](#)

TarpaTents: a cost-effective alternative to traditional school tents which make use of local materials and know-how

Submitted by [Lisa Doherty](#) on 21/08/2009 | [Comments \(0\)](#) | [Points \(2\)](#) | Status:

The Implementation of the Private Sector

Read more at [Aspen Design Challenge](#)**Popular topics**

[5ml measure](#) [adherence](#) [age](#)
[appropriate medicines](#)
[bacteria](#) [ceramic filter](#)
[classrooms](#) [communities](#)
[cost](#) [dose](#) [drinking water](#)
[electronic temperature](#)
[monitoring devices](#)
[emergency](#) [end-user](#)
[Environment](#) [environmental](#)
[sustainability](#) [filter membrane](#)
[HTH](#) [liquid medicine](#) [measure](#)
[medicine](#) [more efficacious](#)
[regimen](#) [osmosis](#) [plumpynut](#)
[PMTCT](#) [Prefabricated](#) [Private](#)
[sector](#) [profit oriented](#)
[refrigeration](#) [safe water](#)
[supply](#) [sanitation](#) [schools](#)
[shelter](#) [teaspoonful](#) [Vaccine](#)
[logistics](#) [water](#) [water](#)
[purification](#) [winter](#) [wrapping](#)

Latest activities

10/05/2009

[Angelika Siaw](#) supports [innovation challenges for pre-schoolers](#)

10/02/2009

[Alma Sokolovic-Rasmussen](#) created new discussion topic [test](#)[Lena Romer](#) supports [innovation](#)

SHELTER





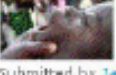


The issue of light-weight durable shelter options, such as the 'TarpaTent' developed by Madagascar CO as an alternative to a traditional school tent, is an important focus. Various projects are underway partnering with academia and suppliers to develop viable solutions.

WATER



Water is an issue of ongoing focus, particularly finding innovative solutions to ease the burden of carrying water.

All	Problems	Ideas	Solutions
All areas	All status levels	All submissions	
View, comment or support an idea and share your own ideas			
	Development of new height measurement Problem under Nutrition New designs are needed to replace the current ones which are heavy and subject to breakage		
Submitted by Nancy Binkin on 22/01/2010 Comments (0) View			
	The burden of transporting water. Problem under Water & Sanitation Water sources should be sited at a considerable distance to consider the risk of contamination.		
Submitted by Gerard Magbity on 23/06/2009 Comments (0) View			
	Excess Amount of Fluoride in Drinking Problem under Water & Sanitation Drinking water with excess amount of fluoride		
Submitted by Uamphan Bringsae on 14/07/2009 Comments (0) View			
	How much in the bottle? Problem under HIV/AIDS Difficulty in measuring the amount of liquid in a bottle		
Submitted by Abeno Djoo on 26/05/2009 Comments (0) View			
	Environmental friendly packaging Problem under Health Environmental friendly packaging of Plumpy'		
Submitted by Jane Pfeiffer on 26/08/2009 Comments (1) View			

P MTCT



The Mother-Baby Pack is almost ready for implementation thanks to an innovative approach hinged on collaboration with development partners, academia, COs (Malawi, Rwanda and Zambia), government counterparts and end-users.

MEASUREMENTS



A number of discussions are underway around improving child measurement, including height boards and measuring upper arm circumference (MUAC) tape.

The burden of transporting, carrying & storing water



Transport of Calcium Hypochlorite (HTH) for chlorination



Water purification alternatives to powder HTH, since air and sea carriers will not transport it with current forms of packaging, since it is corrosive. Also dangerous if leakage - small amount of water in contact big quantity of chlorine will create a chemical reaction (production of heat) and lead to fire or explosion.

Environmental-friendly Cold Chain

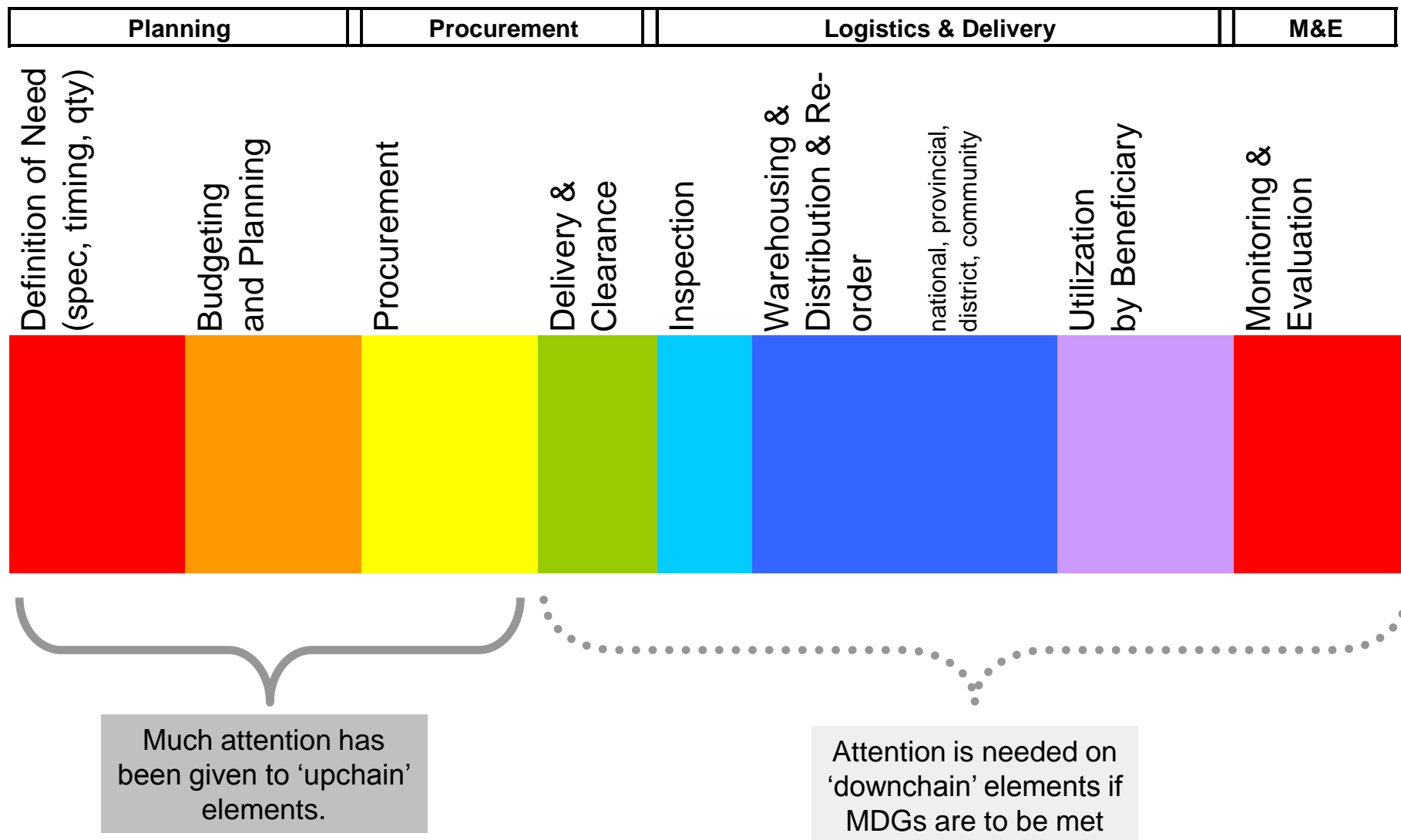


Vaccine electronic temperature monitoring devices

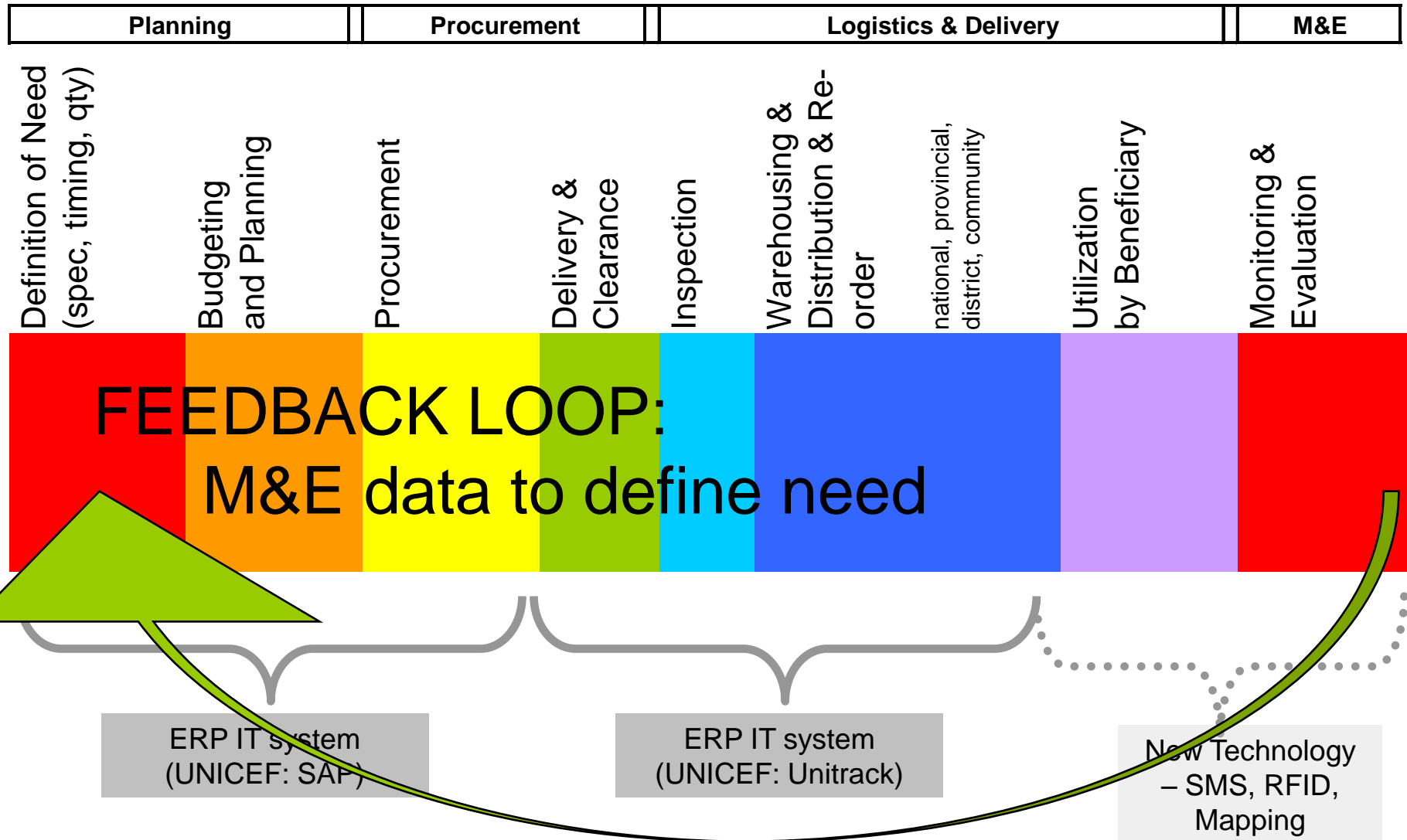
Goods tracking – last mile



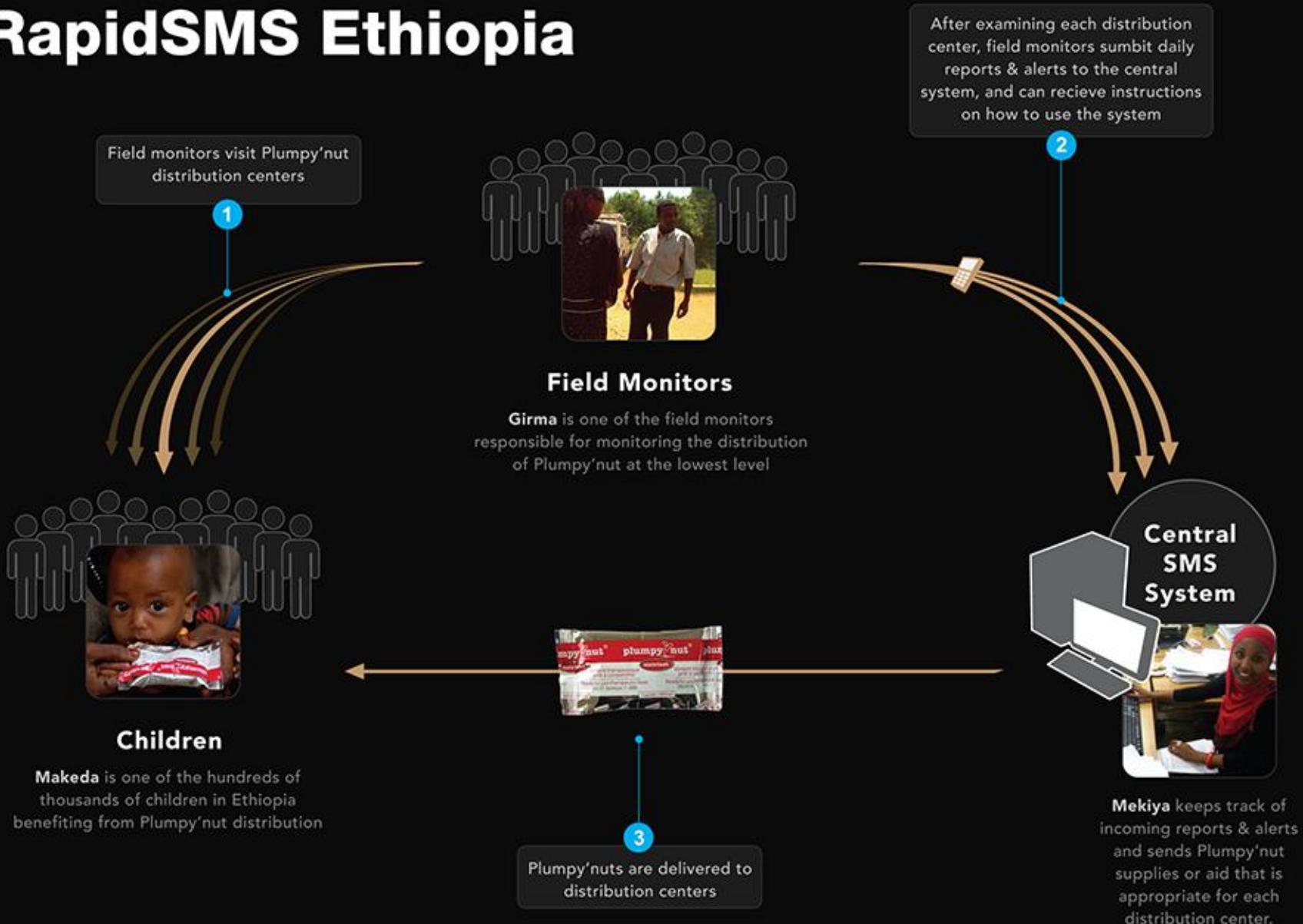
Supply Chain Components



Supply Chain Info Systems



RapidSMS Ethiopia



Real-time stock & consumption: RUTF Pilot in Ethiopia

Current reporting period: Mon 13th Oct to Sun 19th Oct

Welcome, Adam. Change password / Log out

Home > Site administration

Auth		
Groups		 
Users		 
Inventory		
Entries		 
Field Monitors		 
Notifications		 
OTPs		 
Regions		 
Supplies		 
Transactions		 
Woredas		 
Zones		 



Unresolved Notifications	
Monitor	Message
Mekdelawit Nessibu	please send the new codes bati futo health post and dobera gola health post under gurage zone, meskan woreda. Thank you
Mekdelawit Nessibu	please send the codes bamo health post and yemerwacho 1st health post under gurage zone, meskan woreda. Thank you
Yada Beriso	THERE IS NOT STOCK AT WOREDA AS WELL AS HEALTH POST
Sintayehu Belete	new supply deficiency at EOSX
Sintayehu Belete	new supply deficiency at EOSX


Send a Message to Field Monitor(s)
















☐ Kelemua Ababu
☐ Lensa Abebe
☐ Bililigne Alemu
☐ Wondimeneh Alula
☐ Helen Ayeta
☐ Yonas Belachew

Quick Reports

Report On:

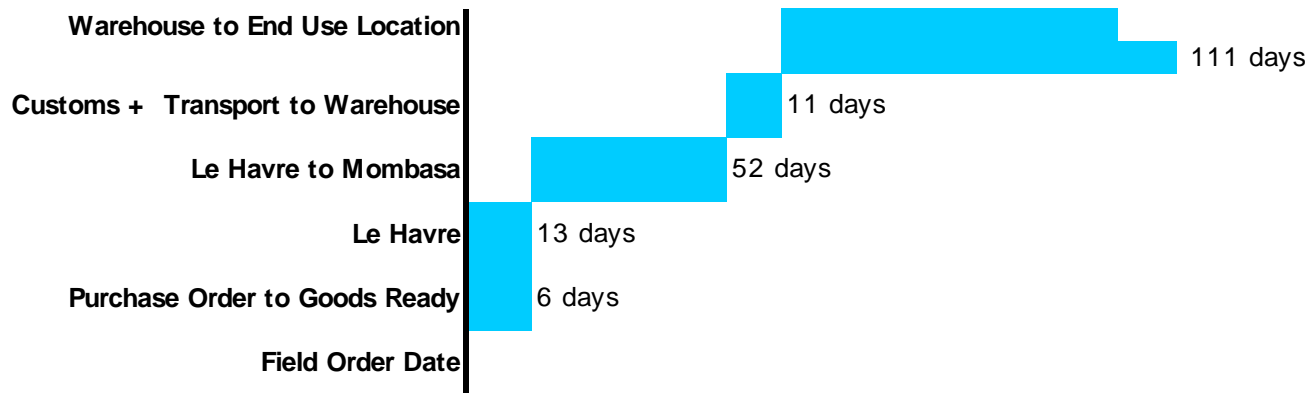
Filter Field	Operator	Value
<input type="button" value="Monitor/First name"/>	<input type="button" value="Less Than"/>	<input type="text"/>

 Add a Filter

Today's Entries						
OTP/Woreda	Code	NewAd	Recvd	Cons	Bal	
Buee Health Center	BCRM	6	50	3	47	
Elala Jerena Health Post	CJQF	13	0	2	3	
Dida Midore Health Post	GPJG	19	0	3	7	
Meskan	WSRS	96	13	13	0	
Udasa Repe	ARXO	24	3	2	5	
Yemer wocho 3rd	LOHF	8	2	2	12	
Mareko	WDHT	112	72	35	37	
Koshe Health Center	CGVD	7	2	2	0	
Kella Health Center	HUHY	7	20	4	16	
Jaldu	WZRI	574	0	0	0	
Jaldu Health Beauru	EFKD	59	0	0	0	
Abuna G/Beret	WOFI	None	None	None	None	
Dobii	YLQK	100	0	0	0	
Gololcha	WIZN	150	0	0	0	
Kedda Ganta	WCCF	115	0	0	0	

Practical application to improve efficiency and effectiveness

Order to End Use' Optimizing, RUTF Supply Chain



*“Reducing how much time RUTF spends in a warehouse before it reaches implementing partners, and thereafter malnourished children, would help increase the **downstream predictability** of the RUTF supply chain.”*

Duke University RUTF Analysis

UNICEF Innovation Framework

Main focus areas





Thank you!

More information

http://www.unicef.org/supply/index_50322.html

<http://unicefinnovation.org/>

Email: dvelasco@unicef.org