

ICT /Mobile/ Data Collection and Sharing

THE HUNGER PROJECT

Ethiopia

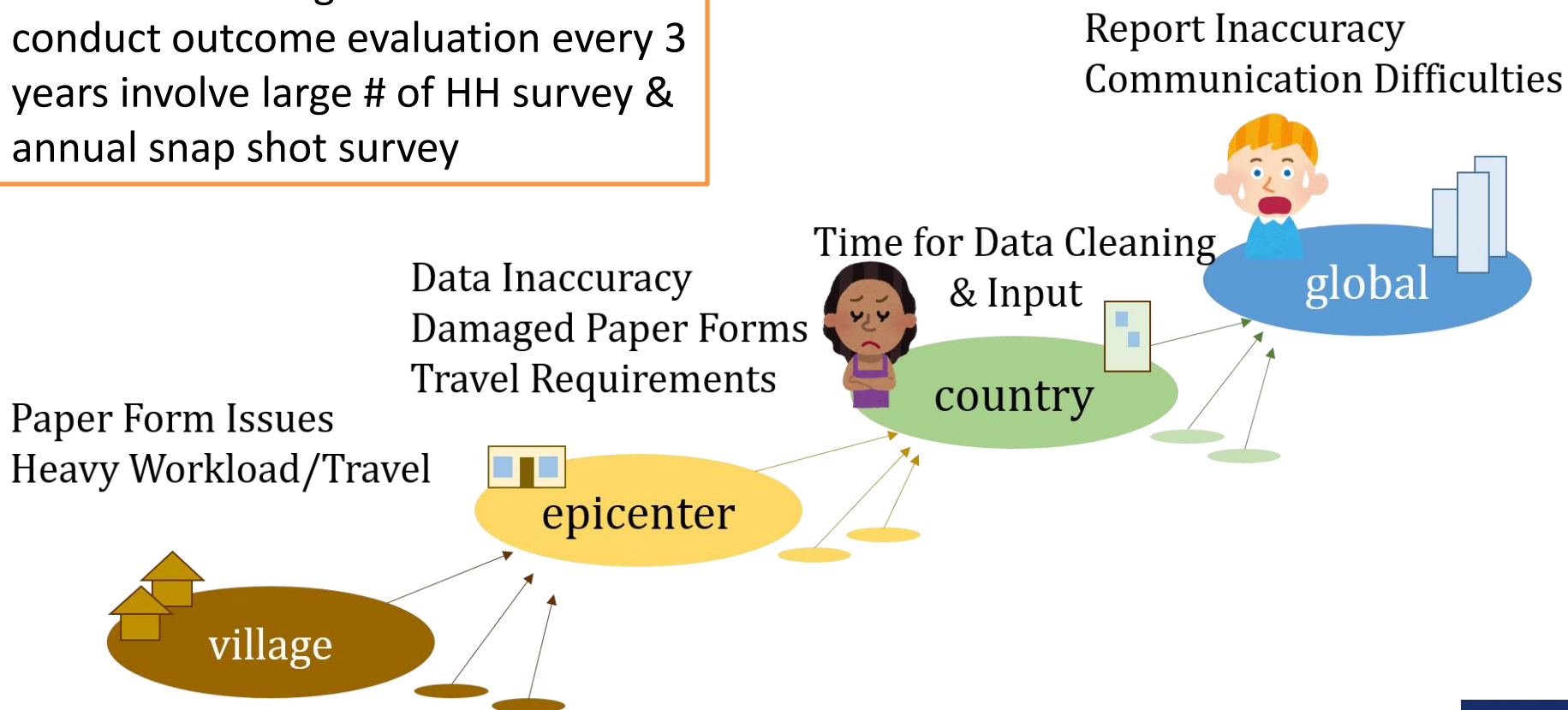
AIDF Africa Summit on 2-3 February

THE HUNGER PROJECT

- The Hunger Project is a global and non-profit organization committed to a world where every woman, man and child leads a healthy, fulfilling life of self-reliance and dignity
- Founded in 1977
- Currently operating (program) in 12 countries; GO in USA – New York

Why Moving to the Mobile Data Collection Platform

Need for learning – decision to conduct outcome evaluation every 3 years involve large # of HH survey & annual snap shot survey



Mobile Data Collection (MDC)

Download
the data



Data
Collection

Upload the
questionnaire
(Synchronize)
via Wi-Fi



Design the
data
collection
instrument



Strengths of Mobile Data Collection

- 1) Reduced workload, cost and time
 - In 6 days 765 HH interviewed by 8 enumerators
 - No data entry
- 2) Instant data transactions for users immediately after synchronization (Village – New York)
- 3) Environmental Friendly – Reduced Uses of Paper
- 4) Standardized and systematic data collection
 - Quality checks by setting rules
 - Enumerators are named; can easily reverse for errors
- 5) Better data protection

THE TOOL



A composite image showing the iFormBuilder admin interface on a desktop browser and a mobile simulator. The desktop browser window shows the URL "https://www.iformbuilder.com/exact/adminFormBuilder.php#" and a navigation menu with tabs for "Data", "Forms", "Users", "Company", and "Support". The main content area displays a "Lead Capture Event" form with fields for "First Name", "Last Name", "Email Address", and "Lead Signature". To the right is an "Element Properties" panel with sections for "Common", "Input Properties", "Option List", "Smart Paging", "Smart Control", "Smart Table Search", "Reference ID", and "Info". The mobile simulator on the left shows the "Settings" screen with a "Sync Data with server" dialog box and a keyboard overlay. A vertical "Support" button is positioned between the simulator and the desktop interface.

Challenges

- **Capacity Development Vs Turnover**
- **Troubleshooting and Maintenance**
- **Network Connectivity**
- **Power charging where limited supply**
- **Costs of service – expensive at the onset yet pay off in time**
- **Suspicious / unwilling while asking to sign or take picture**
- **Limited Opportunity for qualitative tools**

Achievements and Forward

The technology has been used in THP – E since end of 2014; noticed that it helps to reduce the time to complete survey by improving data integrity and accuracy.

- Conducted Interview with 1460 HHs in Four Districts (Dec 2014 – Date)
- Integrating MDC with GPS for supervision and supported by spatial analysis
- Piloted quarterly data collection via MDC
- Using MDC for Baseline Survey with GPS enabled

Enemore OE 2014 - FINAL - Microsoft Excel (Product Activation Failed)

File Home Insert Page Layout Formulas Data Review View PDF

Normal Page Layout Page Break Preview Custom Views Full Screen

Workbook Views

Ruler Formula Bar Gridlines Headings Show

Zoom 100% Zoom to Selection

New Window Arrange All Freeze Panes Unhide

Split Hide Reset Window Position Window

View Side by Side Synchronous Scrolling Save Workspace Switch Windows Macros

A2 **GOAL: Mobilize rural communities that continuously set and achieve their own development goals**

	A	B	C	D	E	F	G
1			Enemore	Comments			
31	GOAL: Improve literacy and education in rural communities						
32	4.1	Proportion of households with at least one literate person	85.09%				
33		Proportion of children age 4-18 attending school	87.55%				
34		% girls	85.77%				
35	4b	% boys	89.35%				
36		% primary	89.85%				
37		% secondary	80.88%				
38	GOAL: Reduce prevalence of hunger and malnutrition in rural communities, especially for women and children						
39		Prevalence of households with moderate or severe hunger	8.76%				
40	5.1	moderate	8.76%				
41		severe	0.00%				
42	5a	Percent change in knowledge of exclusive breastfeeding practices	44.73%				
43	GOAL: Improve access to and use of health resources in rural communities						
44	6.1	Proportion of population aware of their HIV status	68.09%	The numerator is respondents who are aware of HIV, have been tested, and know their status. The denominator is respondents who answered the question about HIV awareness minus those who did not answer whether they have been tested or not (blanks).			
45	6.2	Percent change in use of clinics/health workers during illness	88.84%	Checked both if the number of people sick was less than or equal to the number of household members, and if the number of people going to the clinic was less than or equal to the number of people sick.			
46	6a	Proportion of children under 5 who sleep under a bednet	4.96%	Excluded entries where the number of children reported sleeping under bednets is greater than the number of children in the household.			
		Proportion of population over 15 years old with comprehensive		The numerator is respondents who are aware of HIV and answered 5 questions about HIV/AIDS correctly. The denominator is everyone who			

Thanks



My Data

Stored Filters Views: List Map Graph HTML Excel Excel Flat Scoring Feeds: XLS XLS XML JSON RSS RTN JSON

Filtered?	ID	Form Label	Table Name	Last Record Modified Date	Last Record Modified Location	Data Rec
	3220501	Household Outcome Evaluation	eth_outcome_evaluation_parent	2015-12-07 04:02:15	9.389152:38.025435:2608.500000:5.000000:9.500000	14
	3220764	Practice	practice	2015-07-30 05:00:28		
	3221254	Epicenter Partnerships	epicenter_partnerships_copy	2015-07-24 09:02:31		
	3221257	Epicenter Snapshot	epicenter_snapshot_parent_copy	2015-04-24 11:07:29		
	3222359	Epicenter Revenue	epicenter_revenue_2016_copy	0000-00-00 00:00:00		

Find Table Name Search Reset

(Check the checkbox for exact match)

Help Desk

Household Outcome Evaluation



Help Desk

Data Filter				
Column Filter	Select Date Range	Start Date	End Date	Select
<input type="checkbox"/>	Label	Condition	Value	
<input type="checkbox"/>	ID	=		
<input checked="" type="checkbox"/>	Enumerator Name	=		
<input checked="" type="checkbox"/>	Interview Start Time	=		
<input checked="" type="checkbox"/>	Name of Epicenter	=		
<input checked="" type="checkbox"/>	Name of Community	=		
<input checked="" type="checkbox"/>	Household Location	=		
<input checked="" type="checkbox"/>	Informed Consent	=		
<input checked="" type="checkbox"/>	Photo of household members	=		
<input checked="" type="checkbox"/>	Household Structure	=		
<input checked="" type="checkbox"/>	Number of Household Members	=		
<input checked="" type="checkbox"/>	Household Member Information	=		
<input checked="" type="checkbox"/>	Num Age	=		
<input checked="" type="checkbox"/>	Number of children under 3	=		
<input checked="" type="checkbox"/>	Number of Children under 5	=		



Help Desk

<input checked="" type="checkbox"/>	Other, specify	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Who in the household has the primary responsibility for collecting water for the household?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Other, specify1	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	In the past 90 days (3 months) have any children under 5 in the household experienced diarrheal disease (passing 3 or more loose or liquid stools per day)?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	How many children in this household experienced this?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Has anyone in your household owned or operated any non-farm economic activity or business in the last 12 months?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	How many businesses does your household own or operate?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Business	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	In the last 12 months, apart from buying food for the family, what else did your household spend its remaining money on?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Other, Specify	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	How many people in your household have taken a loan in the past 12 months?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	How many of these loans were from THP's Microfinance Program?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	What was the purpose of the loan?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Other, specify	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	How many of the borrowers were women?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	How many people in your household currently participate in savings program or have a savings account?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	How many people in your household participated in THP's savings program?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	What is your household's MAIN source of income?	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Other, Specify	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Other Specifiy	=	▼	<input type="text"/>
<input checked="" type="checkbox"/>	Endtime	=	▼	<input type="text"/>

Set Filter

Reset



Enemore OE 2014 - FINAL - Microsoft Excel (Product Activation Failed)

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Ruler Formula Bar Gridlines Headings Zoom 100% Zoom to Selection New Window Arrange All Freeze Panes Split Hide View Side by Side Synchronous Scrolling Reset Window Position Save Workspace Switch Windows Macros

AA1 Other practice, specify:

ID	ID+S	Enumerator Name	Interview Start Time	Name of Epicenter	Name of Community	Informed Consent	Photo of household members	Household Structure	Number of Ho
825	S825	THPEthiopia10	2014-12-08 03:31:25	Enemore	Baja	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
822	S822	THPEthiopia10	2014-12-08 02:54:44	Enemore	Baja	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
819	S819	THPEthiopia10	2014-12-08 14:12:27	Enemore	Baja	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
816	S816	THPEthiopia10	2014-12-08 01:48:04	Enemore	Baja	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
813	S813	THPEthiopia10	2014-12-08 01:16:40	Enemore	Baja	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
810	S810	THPEthiopia10	2014-12-08 00:48:44	Enemore	Baja	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Female Only	
807	S807	THPEthiopia10	2014-12-08 00:16:56	Enemore	Baja	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
804	S804	THPEthiopia10	2014-12-07 07:32:38	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
801	S801	THPEthiopia10	2014-12-07 06:55:58	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
798	S798	THPEthiopia10	2014-12-07 06:15:17	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
795	S795	THPEthiopia10	2014-12-07 04:53:17	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
792	S792	THPEthiopia10	2014-12-07 04:02:57	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
789	S789	THPEthiopia10	2014-12-07 03:50:08	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male Only	
786	S786	THPEthiopia10	2014-12-07 03:08:23	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male Only	
783	S783	THPEthiopia10	2014-12-07 02:37:07	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
780	S780	THPEthiopia10	2014-11-16 01:55:58	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
777	S777	THPEthiopia10	2014-12-07 01:18:29	Enemore	Tach Keend	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
774	S774	THPEthiopia10	2014-12-06 05:30:16	Enemore	Berakosie (Keendi Wored	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
771	S771	THPEthiopia10	2014-12-06 04:50:50	Enemore	Berakosie (Keendi Wored	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male and Adult Ferr	
768	S768	THPEthiopia9	2014-12-10 05:33:18	Enemore	Shimoro	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male Only	
765	S765	THPEthiopia9	2014-12-10 05:01:45	Enemore	Shimoro	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Female Only	
762	S762	THPEthiopia9	2014-12-10 04:43:13	Enemore	Shimoro	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Female Only	
759	S759	THPEthiopia9	2014-12-10 04:18:00	Enemore	Shimoro	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Female Only	
756	S756	THPEthiopia9	2014-12-10 03:52:35	Enemore	Shimoro	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Female Only	
753	S753	THPEthiopia9	2014-12-10 03:22:12	Enemore	Shimoro	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Female Only	
750	S750	THPEthiopia9	2014-12-10 02:39:15	Enemore	Shimoro	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Female Only	
747	S747	THPEthiopia9	2014-12-10 02:08:55	Enemore	Shimoro	https://7f3bb28ce7a05c89765e-458f	https://7f3bb28ce7a05c89765e-458f	Adult Male Only	

Summary From Baseline Parent HH Member Pivot HH member Info Dwelling PPI PPI Lookup Lit&Ed CommMob Gender Farm Crop Pivot Crop Investock WDDS Hej

Count: 274 100%

2016 Targets & Actuals for Epicenter Enemore in Ethiopia

Year: Country: Epicenter:

[Switch to Quarterly Targets](#)

ID	Indicator	SR Target	So far+target	Notes about targets	Disaggregate	Target 2014	Actual 2014	Target 2015	Actual 2015	Target 2016	Actual 2016
1. Mobilized rural communities that continuously set and achieve their own development goals											
1.0.1	Number of trainees in VCA workshops	2174	2174		# women trained	63	113	120	56	120	
					# men trained	63	99	120	103	120	
					# THP workshops	3	2	1	1	1	
					# community led workshops	3	11	2	1	1	
1.0.2	Number of participants in committee leadership training				# women trained	24	0	25	9	19	
					# men trained	24	0	13	4	19	
					# workshops	3	0	1	1	1	
1.0.3	Number of Community Data Presentations				# Presentations	0	1	1	1	1	
					# women participants	0	49	40	0	40	
					# male participants	0	151	40	0	40	
1.0.4	Number of animator trainees in M&E/research				# women trained	12	0	3	8	18	
					# men trained	12	0	3	9	18	
					# workshops	2	0	1	1	2	
1.0.5	Number of general animator trainees				# women trained	36	6	9	10	18	
					# men trained	36	7	9	8	18	
					# workshops	3	1	1	1	2	
					# vistic to enicenters by potential						