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Data: Where will we be in 5 years?

Overview

- Where are we now?
- Where do we want to go?
- How will get there?

Where are we now – Private Sector - ECommerce

The Washington Post
Democracy Dies in Darkness

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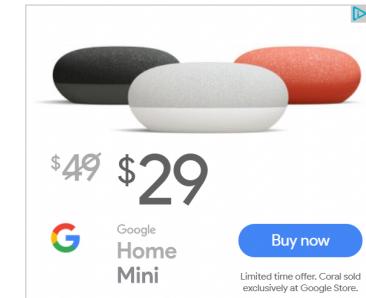
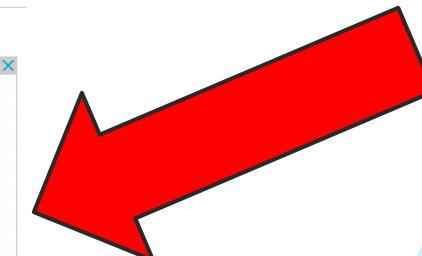
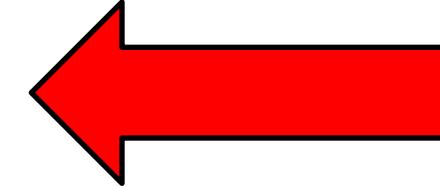
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Where are we now – Global Health

Electronic Health Information System (HIS) Landscape for HIV/AIDS in Malawi

MINISTRY OF HEALTH (MoH)								
Baobab Health Trust (BHT)	Health and Technical Support Services (HTSS)	Department of HIV/AIDS (DHA)	Central Monitoring and Evaluation Division (CMED)	Human Resource Department (HR)	Clinton Health Access Initiative (CHAI)	Drug Resource Enhancement Against AIDS and Malnutrition (DREAM)		
 Baobab Health Electronic Health Record (EHR) Demographic Data Exchange (DDE)	 Logistics Management Information System (LMIS)	 DHA Management Information System (DHA-MIS)	 dhis2 Health Management Information System (HMIS)	 Integrated Human Resources Information System (iHRIS)	 Laboratory Information Management System (LIMS)	 dream Community of Sant'Egidio Electronic Health Record (EHR)		
Laboratory Information Management System (LIMS)	 Logistics Management Information System (LMIS) ¹	MINISTRY OF FINANCE (MoF)			OFFICE OF THE PRESIDENT AND CABINET (OPC)			
PRESIDENT'S EMERGENCY PLAN FOR AIDS RELIEF (PEPFAR)	Department of Economic Planning & Development (EP&D)	Accountant General Office (AGO)	Department of Human Resource Management and Development (HRMD)					
 DATIM Health Management Information System (HMIS)	 Local Authority HIV and AIDS Reporting System (LAHARS) Part of District Data Bank (DDB)	 EPICOR. Integrated Financial Management Information System (IFMIS)  Serenic Navigator Integrated Financial Management Information System (IFMIS)	 Global Payroll & HR Expert Edition Human Resources Management Information System (HRMIS)	<p>Note: Systems represented include only those that are nationally implemented or operated as of June 2016, does not include localized pilot systems</p> <p>¹ Only system used at community level; not currently used for HIV/AIDS commodities</p>				

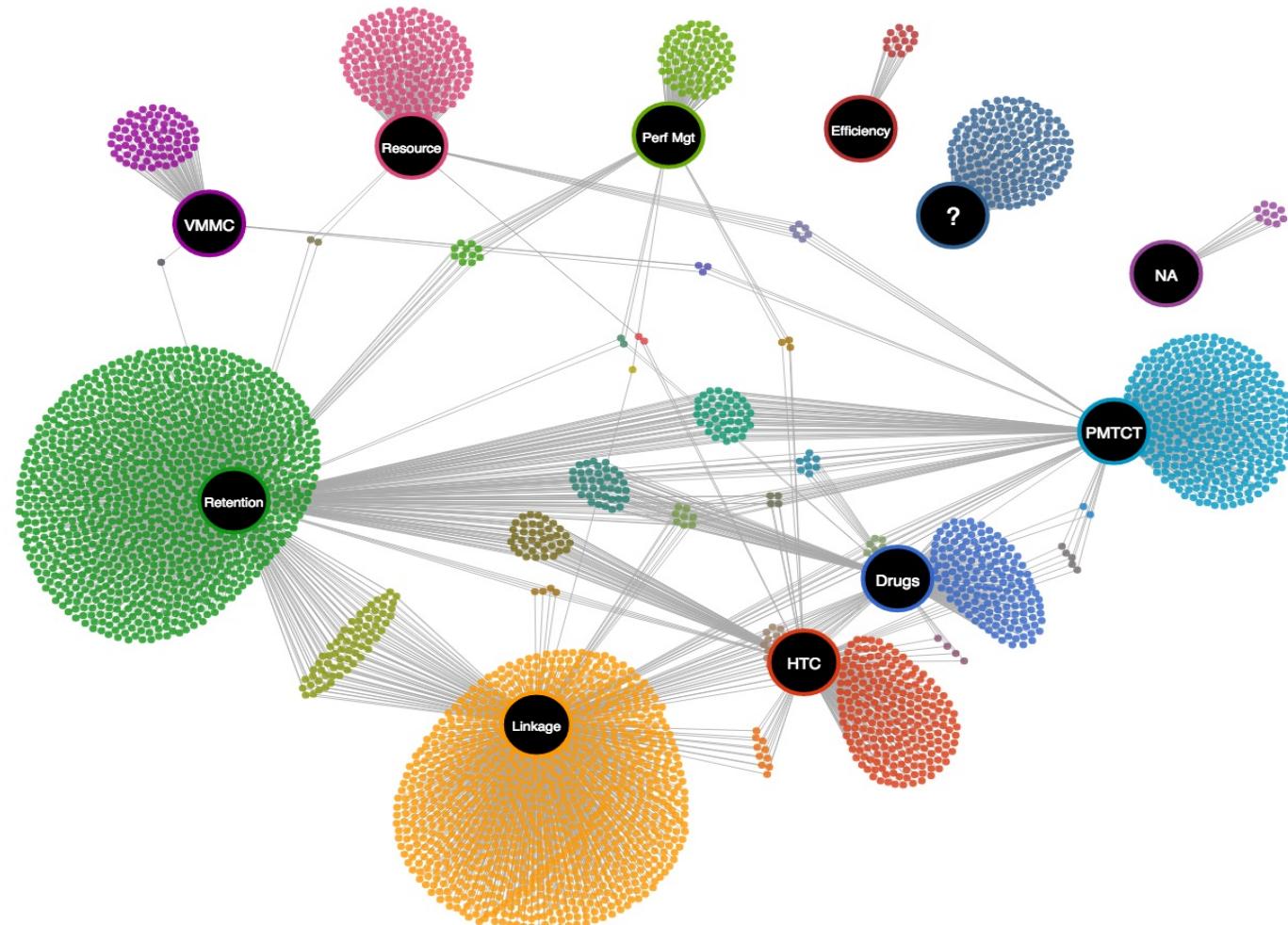
Source: Vital Wave Assessment 2016

<http://www.vitalwave.com> © 2016 Vital Wave

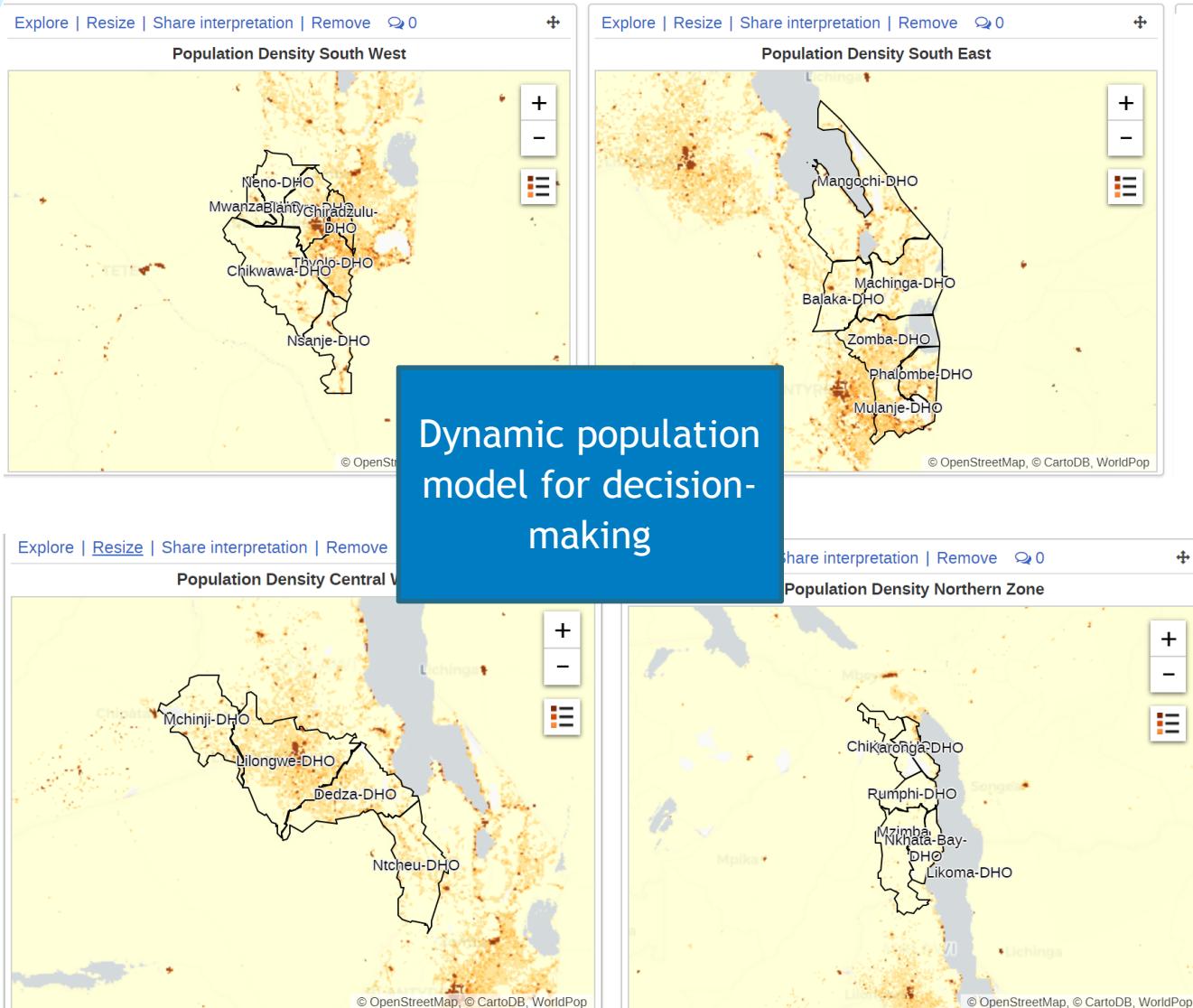
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Where are we now – Global Health

In one small country alone: over 5,000 + health related data elements and counting



Where do we want to go?



Using telco data to better target roll out of 900 MOH health posts over next 5 years.

How will we get there?

1) What is “data use”?



How will we get there?

How do we know we've achieved a “data use” culture?



How will we get there?

2) Data Access & Data Standards

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Budget																
by Mechanism ID	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
by Budget Code	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
by Central Funding						X	X	X	X	X	X	X	X	X	X	X
by Pipeline (and Budget Code)											X	X	X	X	X	X
by SNU												X	X	X	X	X
by Table 6												X	X	X	X	X
Expenditures																
by Mechanism ID									X	X	X	X	X	X	X	X
by Program Area									X	X	X	X	X	X	X	X
by Cost Category									X	X	X	X	X	X	X	X
by SNU									X	X	X	X	X	X	X	X
by Mechanism ID-SNU									X	X	X	X	X	X	X	X
Targets																
by Country		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
by Mechanism ID	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
by SNU										X	X	X	X	X	X	X
by Site												X	X	X	X	X
Results																
by Country		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
by Mechanism ID	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
by SNU										X	X	X	X	X	X	X
by Site												X	X	X	X	X
SIMS Data																
by SNU												X	X	X	X	X
by Site												X	X	X	X	X
Metadata Needed																
Common Mechanism ID (de-identified) across data sources for linkage																
Country prioritization by SNU and Site by year																
Integrated PEPFAR site list, with geographic data (de-identified) but with a ID which can be linked to priority list																

Publicly Available Data

May be Available but Low Quality

Not Available at all

X = Data are believed to exist

Current availability of PEPFAR data

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How will we get there?

2) Data Access & Data Standards

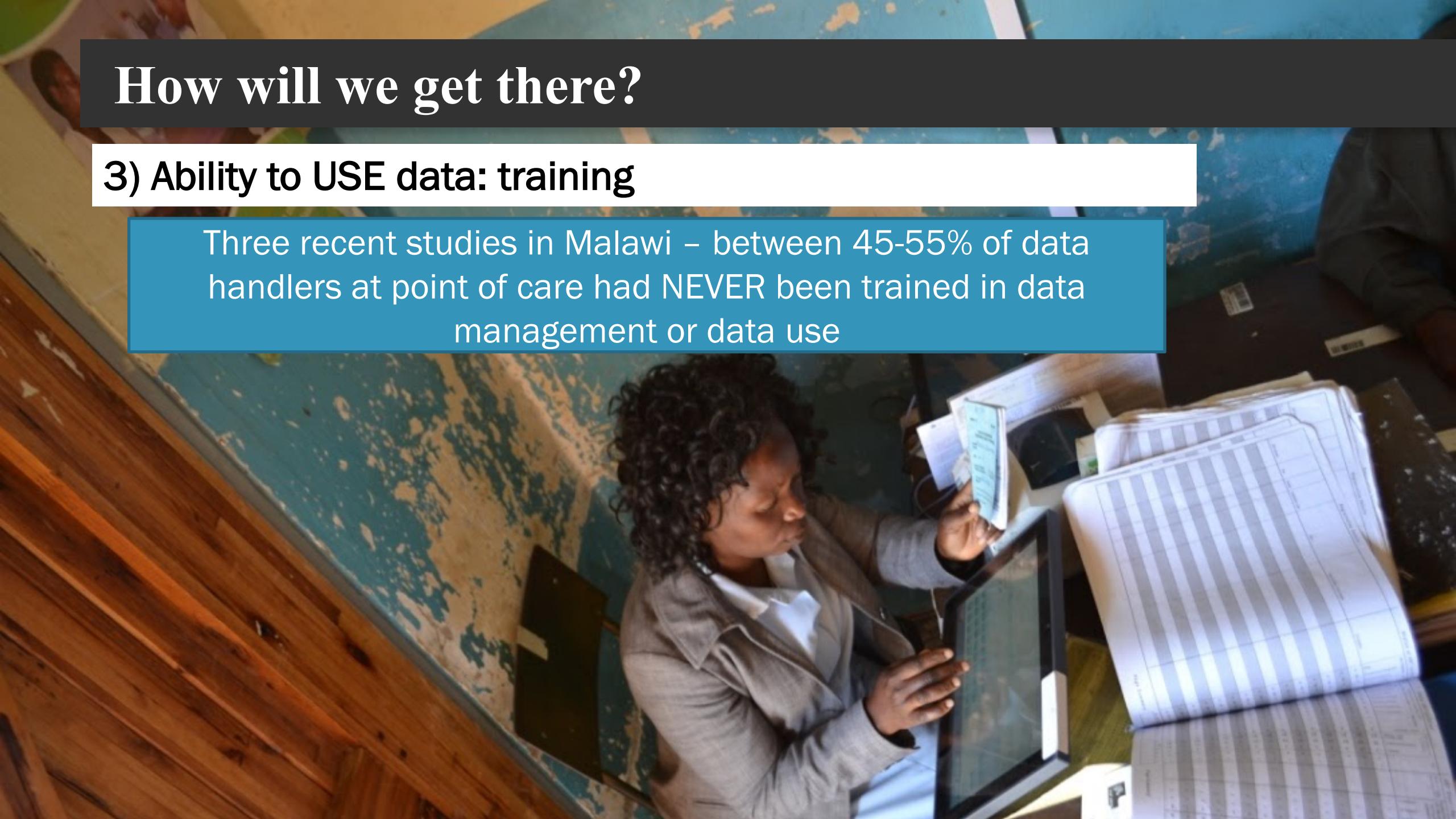


Luzi Orphan Care CBO wants feedback on how they can do their work better

How will we get there?

3) Ability to USE data: training

Three recent studies in Malawi – between 45-55% of data handlers at point of care had NEVER been trained in data management or data use

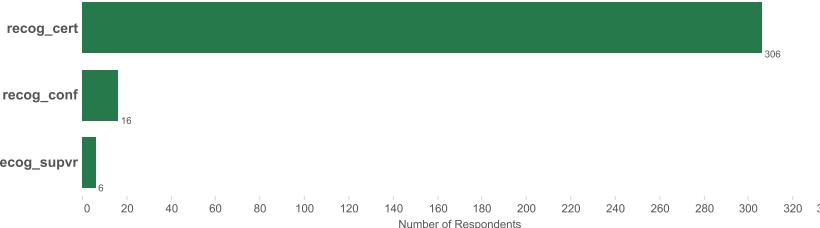


How will we get there?

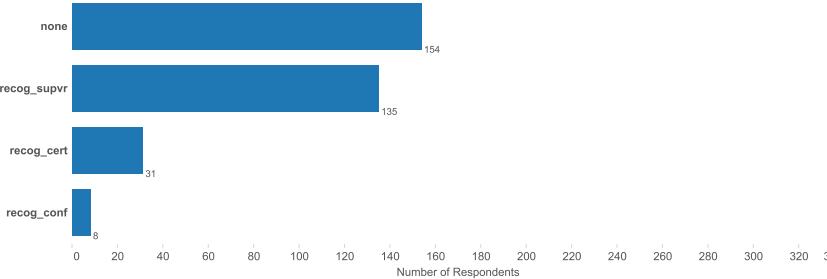
3) Ability to USE data: incentives

Recognition
(n=328)

Which of these scenarios do you prefer?

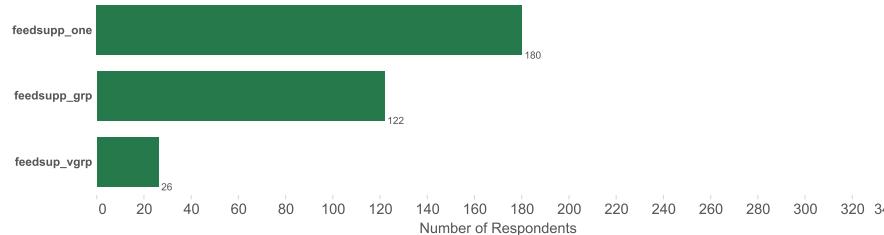


Which of these scenarios is most like your current situation?

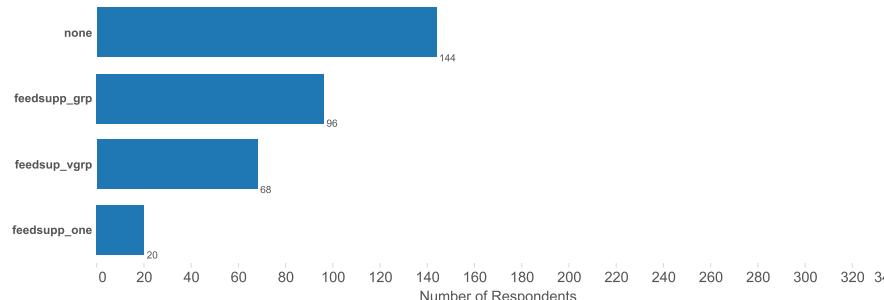


Feedback & Support
(n=328)

Which of these Feedback & Support scenarios do you prefer?



Which of these scenarios is most like your current situation?



Overwhelmingly preference for **DATA MANAGEMENT CERTIFICATE** but current situation either **NONE** or **SUPERVISOR RECOGNITION**.

Preference for **ONE-ON-ONE FEEDBACK**, but current situation either **NONE** or **GROUP FEEDBACK**.

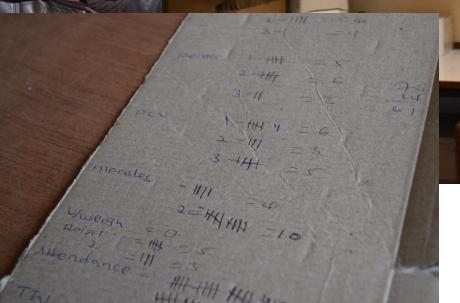
How will we get there?

4) Keeping it clean: Importance of data hygiene



How will we get there?

5) We need to share our work, warts and all



Contact

Thank you!



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