

# IOM Innovations and Best Practice to Tackle Communicable Diseases: from DTM to HBMM and CRM

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# Displacement Tracking Matrix (DTM)

**How many** people are displaced?

**Where** are the displaced populations located?

**What profiles**, how many, and where should **staff** be

**Where and when** do displaced populations move?

Which sites are **most at risk**?

Where are the **hotspots**?

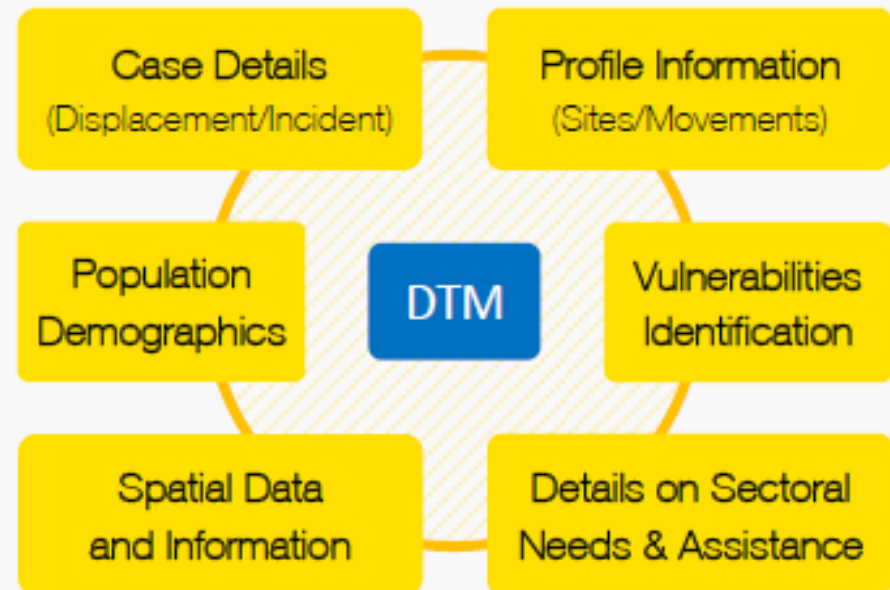
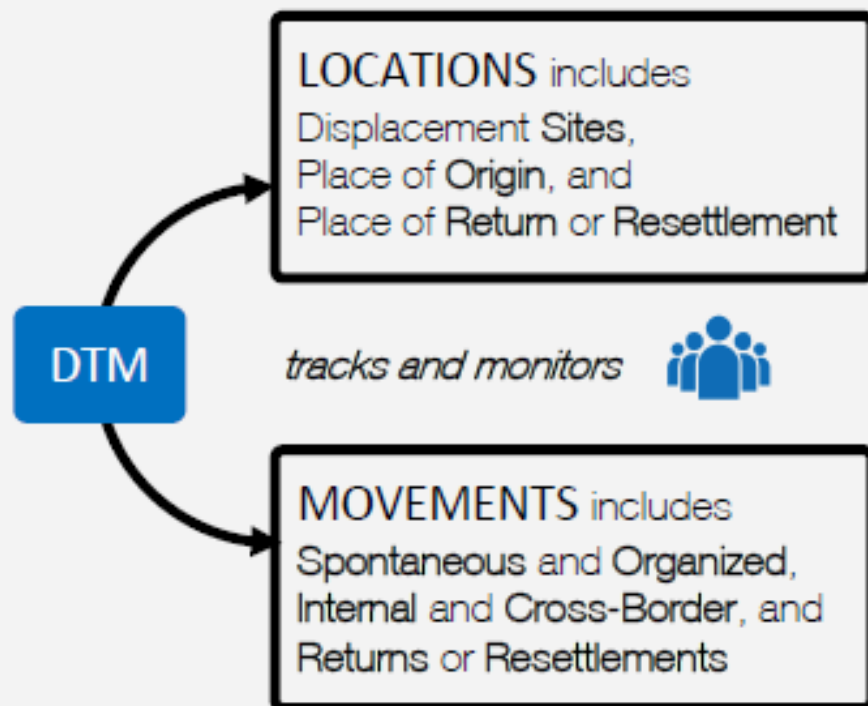
What **emergency resources** are required?

What are the **proxy indicators** that can be used as **flags** for **Gender Based Violence** and **Child Protection** issues?

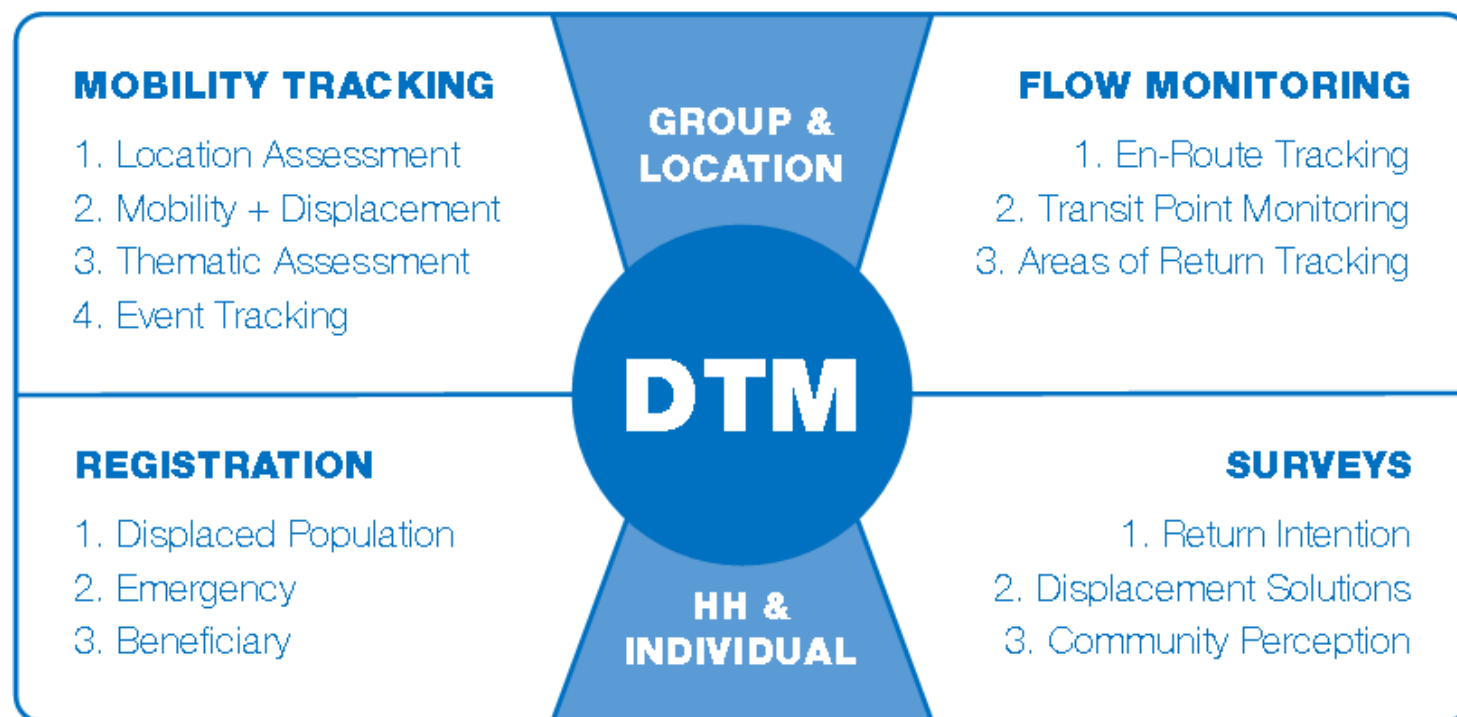
# IOM's Displacement Tracking Matrix (DTM)

## TRACKING DISPLACEMENT

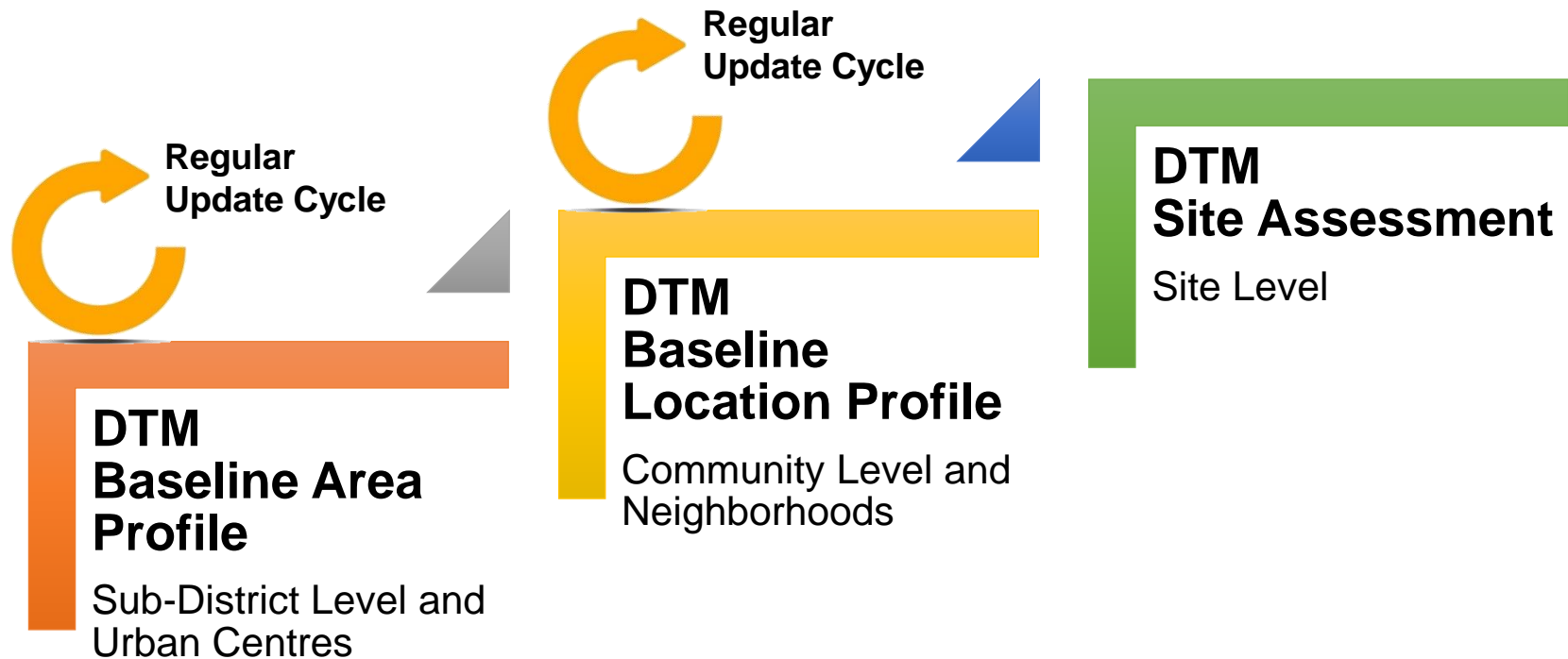
DTM is a system composed of a variety of tools and processes designed and developed to track and monitor population displacement during crises.



# DTM Core Components



# Regular Cycles of Data Collection



# How is information collected and verified?

## Methodology

- Key Informant Interviews
- Direct Observation
- Measurements & Calculations
- Focus Group Discussions

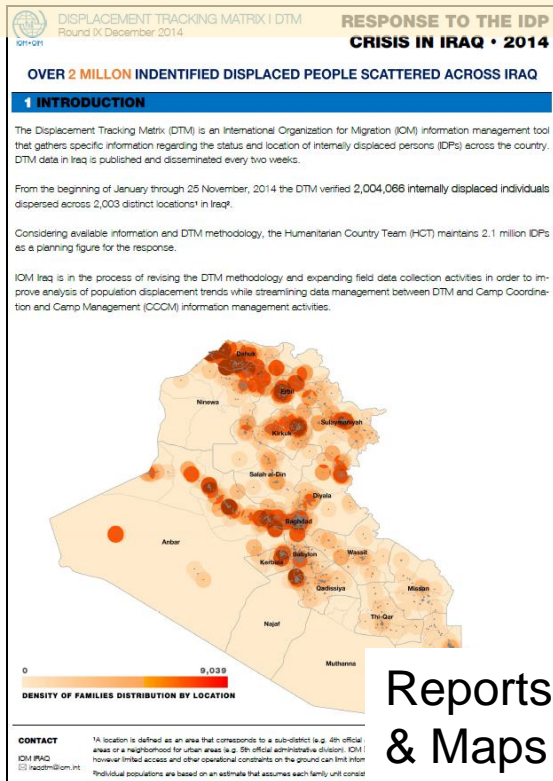
## Integration of Mix method

## Technology

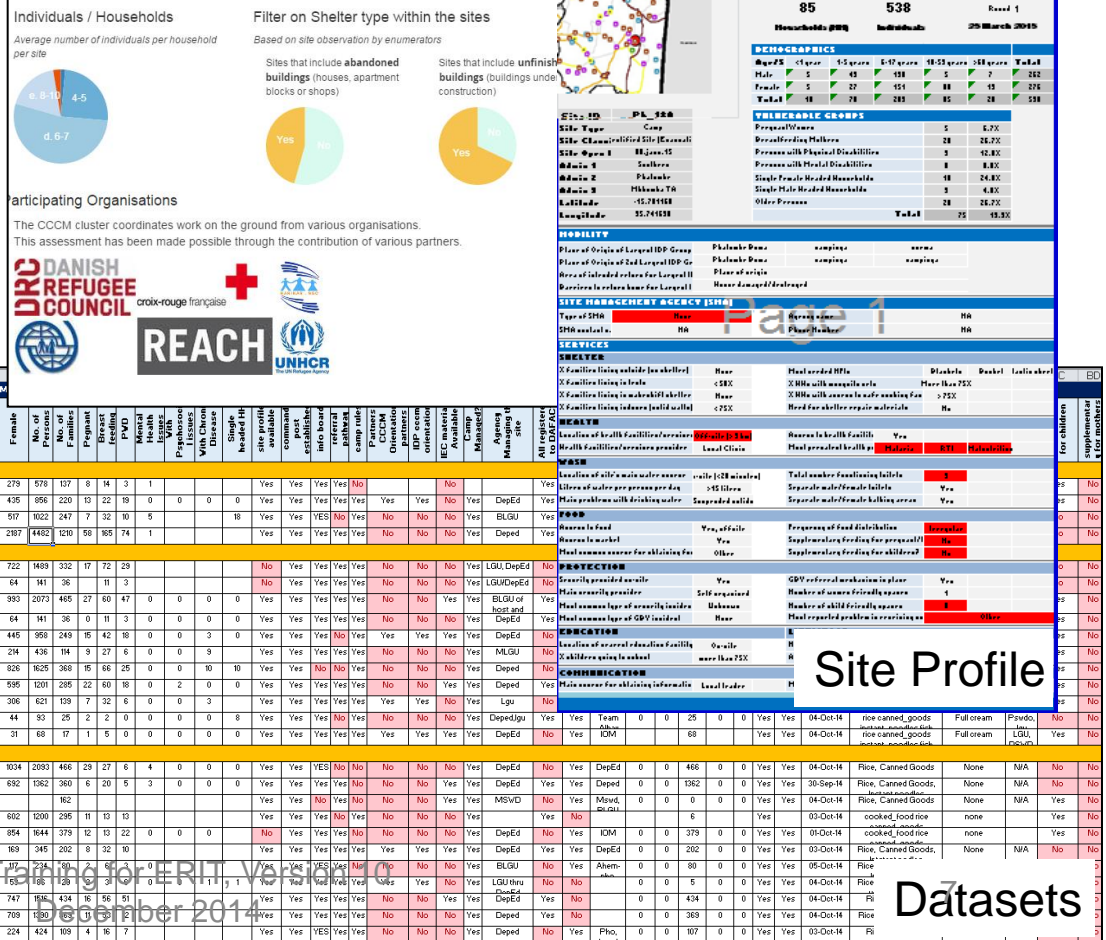
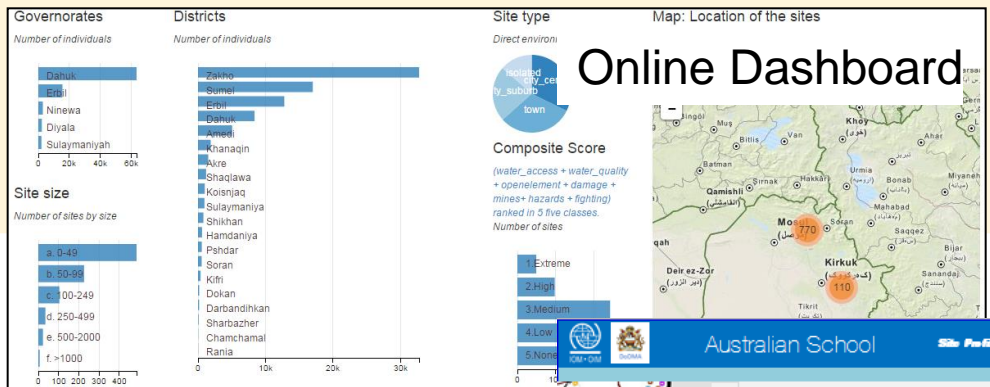
- ODK
- Paper forms



# Core Info Products for Dissemination



# Reports & Maps



# Displacement Tracking Matrix | DTM

## Dashboard #2 – June 2016

### Burundi



## STATISTICS (in 7 provinces)



**61,268 Internally Displaced Persons (IDP)**

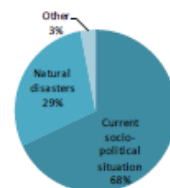


**12,610 Displaced Households**

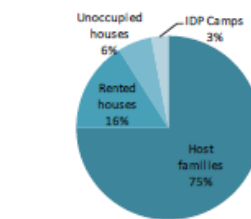
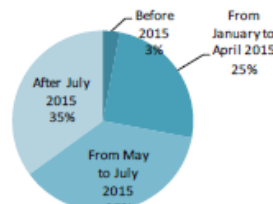
MUYINGA	Households	IDPs	MAKAMBA	Households	IDPs
Mwakiro	238	653	Nyanza-Lac	1,252	6,260
Butihinda	12	28	Kibago	557	2,785
Gashoho	80	239	Vugizo	145	725
Gasorwe	164	374	Mabanda	348	1,740
Muyinga	680	3,056	Makamba	207	1,035
Giteranyi	554	2,768	Kayogoro	418	2,090
Buyinyuza	262	1,149	<b>Total</b>	<b>2,927</b>	<b>14,635</b>
<b>Total</b>	<b>1,990</b>	<b>8,267</b>	KIRUNDO	Households	IDPs
RUYIGI	Households	IDPs	Ntega	9	19
Ruyigi	597	2,795	Bugabira	0	0
Nyabitsinda	480	2,327	Vumbi	23	26
Kinyinya	212	1,110	Busoni	1	3
Gisuru	618	3,101	Bwambarangwe	2	2
Bweru	43	121	Gitobe	1	3
Butezi	74	145	Kirundo	50	182
Butaganzwa	2	3	<b>Total</b>	<b>86</b>	<b>235</b>
<b>Total</b>	<b>2,026</b>	<b>9,602</b>	RUMONGE	Households	IDPs
RUTANA	Households	IDPs	Buyengero	130	624
Mpinga Kayove	115	468	Burambi	127	673
Giharo	773	4,002	Bugarama	448	2,583
Bukemba	81	386	Muhuta	678	3,747
Gitanga	135	644	Rumonge	1,061	5,468
Musongati	5	17	<b>Total</b>	<b>2,444</b>	<b>13,095</b>
Rutana	250	1,226	CIBITOKÉ	Households	IDPs
<b>Total</b>	<b>1,359</b>	<b>6,743</b>	Bukinyanyana	205	1,025
			Buganda	158	767
			Rugombo	333	1,835
			Murwi	611	2,853
			Mugina	360	1,713
			Mabayi	111	498
			<b>Total</b>	<b>1,778</b>	<b>8,691</b>

Table1: Total IDP population per province

Graph 1: Reasons for displacement

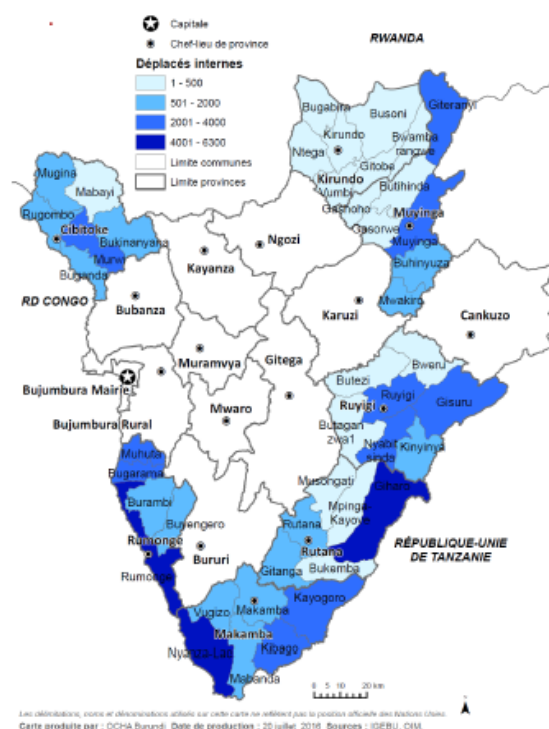


Graph 2: Periods of displacement



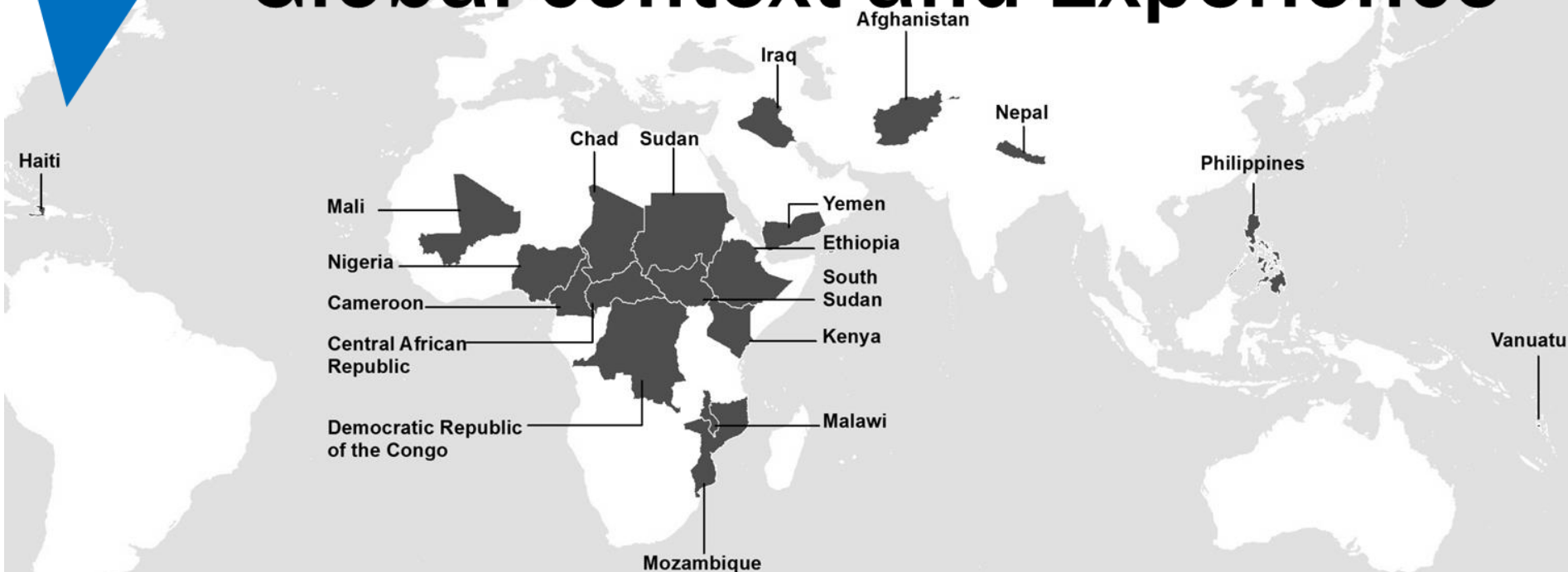
Graph 3: Type of housing solutions

Map 1: IDP presence in areas covered by DTM in June 2016





# Global context and Experience



Total number of IDPs tracked  
and monitored in 2014-2015

9+m

Active  
Countries

19

DTM Active  
Countries

# KENYA AS REGIONAL DTM HUB

Dedicated support team for the region

Front-line support to country missions in the region

## Eastern Africa: Regional Humanitarian Snapshot (as of 25 June 2015)



### Displacement and conflict

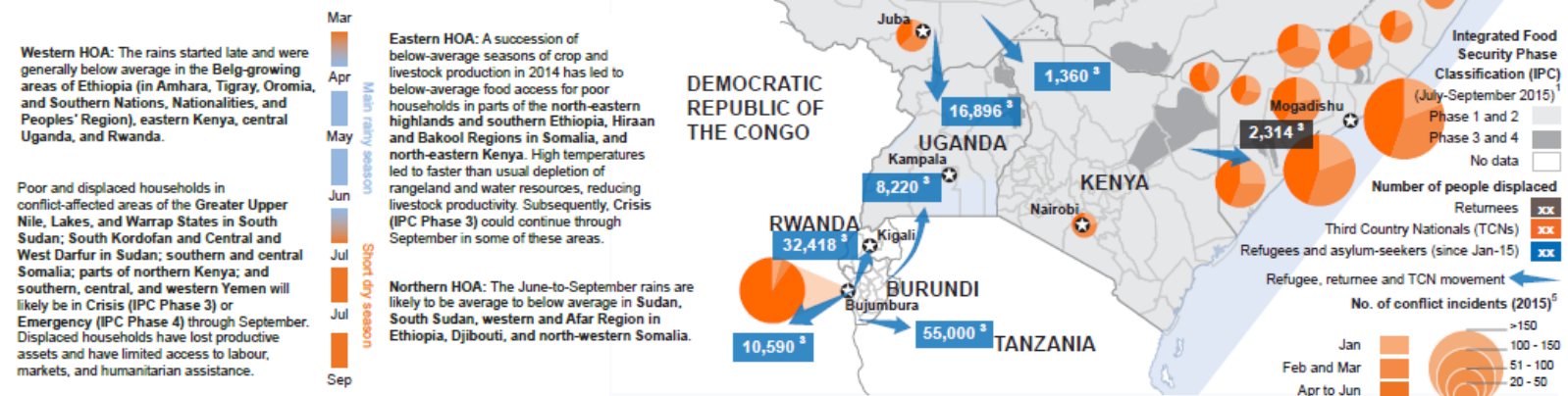
Around 1.542 million people are internally displaced in South Sudan, and over 546,000<sup>2</sup> have crossed borders and become refugees. About 106,228<sup>3</sup> people have fled Burundi, and about 25,000<sup>3</sup> have left Yemen (where 1 million people are internally displaced)<sup>3</sup> for Djibouti and Somalia. Areas of conflict in South Sudan and Yemen remain very difficult for humanitarian organizations to access, pushing more to cross borders in search of assistance.

### Increase in mostly South Sudanese and Burundian refugees

Some 14,000<sup>3</sup> South Sudanese (mainly women and children) fled into Sudan from 12-14 June; while as of 16 June, more than 106,000<sup>3</sup> Burundian refugees (Tanzania 55,000, Rwanda 32,418, DRC 10,590 and Uganda 8,220) fleeing pre-election violence and intimidation had sought refuge in neighbouring countries. The upcoming rains will increase risk of water-borne diseases such as dysentery and cholera in Sudan, which is already facing a nationwide outbreak of measles.

### Food security outlook<sup>1</sup>

Poor households with constrained food access are facing increasingly acute food insecurity in areas affected by drier than normal rainfall and conflict. Staple food prices are rising seasonally in some markets, including in Somalia, northern Tanzania, Uganda, and Ethiopia, as household food stocks are drawn down. However, food prices are considerably higher than their five-year averages (by over 40 per cent) in South Sudan and Sudan, due to high inflation, depreciation of national currencies against the US dollar, and trade disruptions.



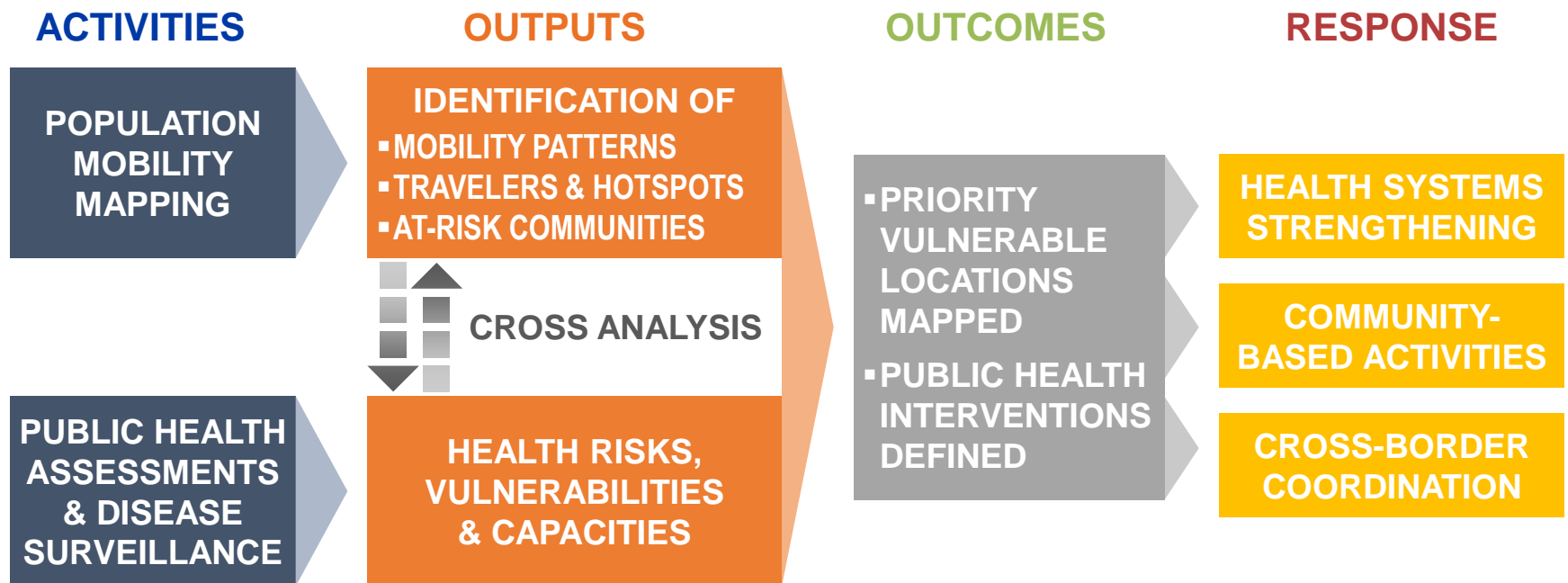
# DTM

## History & Scope

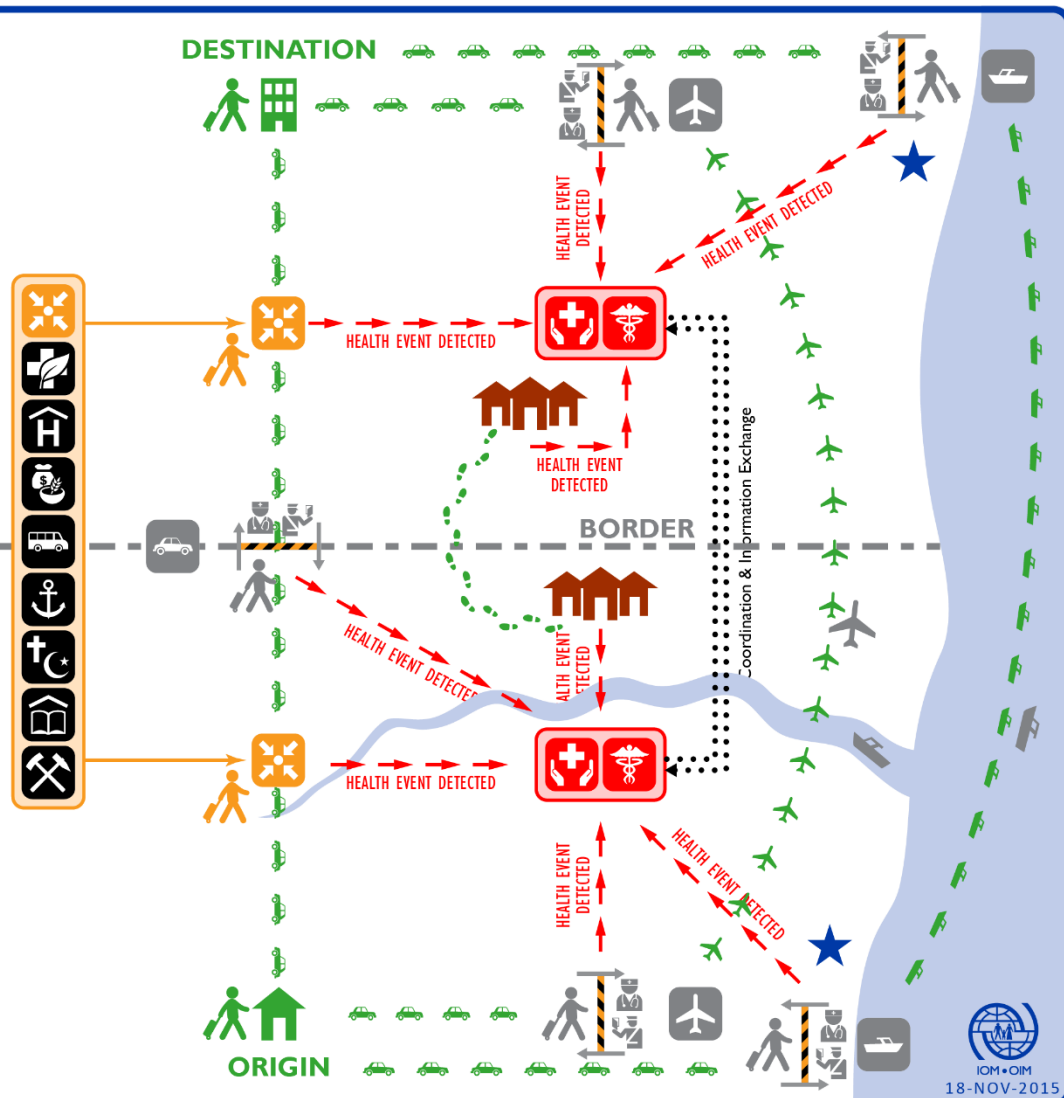
- Globally, DTM has been used in **conflict, natural disaster** and **complex emergency** settings
- DTM is used not only in **emergencies**, but also in **preparedness** and **transition/recovery** efforts
- The **DTM methodology** has also been **transferred to support other exercises**, such as **Ebola response**

# From DTM to HBMM Activity Linkages for public health

## Health Border Mobility Management



# HBMM visual representation



## PILLARS

## ACTIVITIES

## POLICIES AND LEGAL FRAMEWORK ON HEALTH, BORDER AND MOBILITY MANAGEMENT

## OPERATIONAL RESEARCH, EVIDENCE, DATA GATHERING AND SHARING

- 1 Needs Assessment, Operational Research, and Data Collection
- 2 Surveillance / CEBS / IDSR
- 3 Data Analysis and Risk Mapping
- 4 Data Dissemination and Reporting

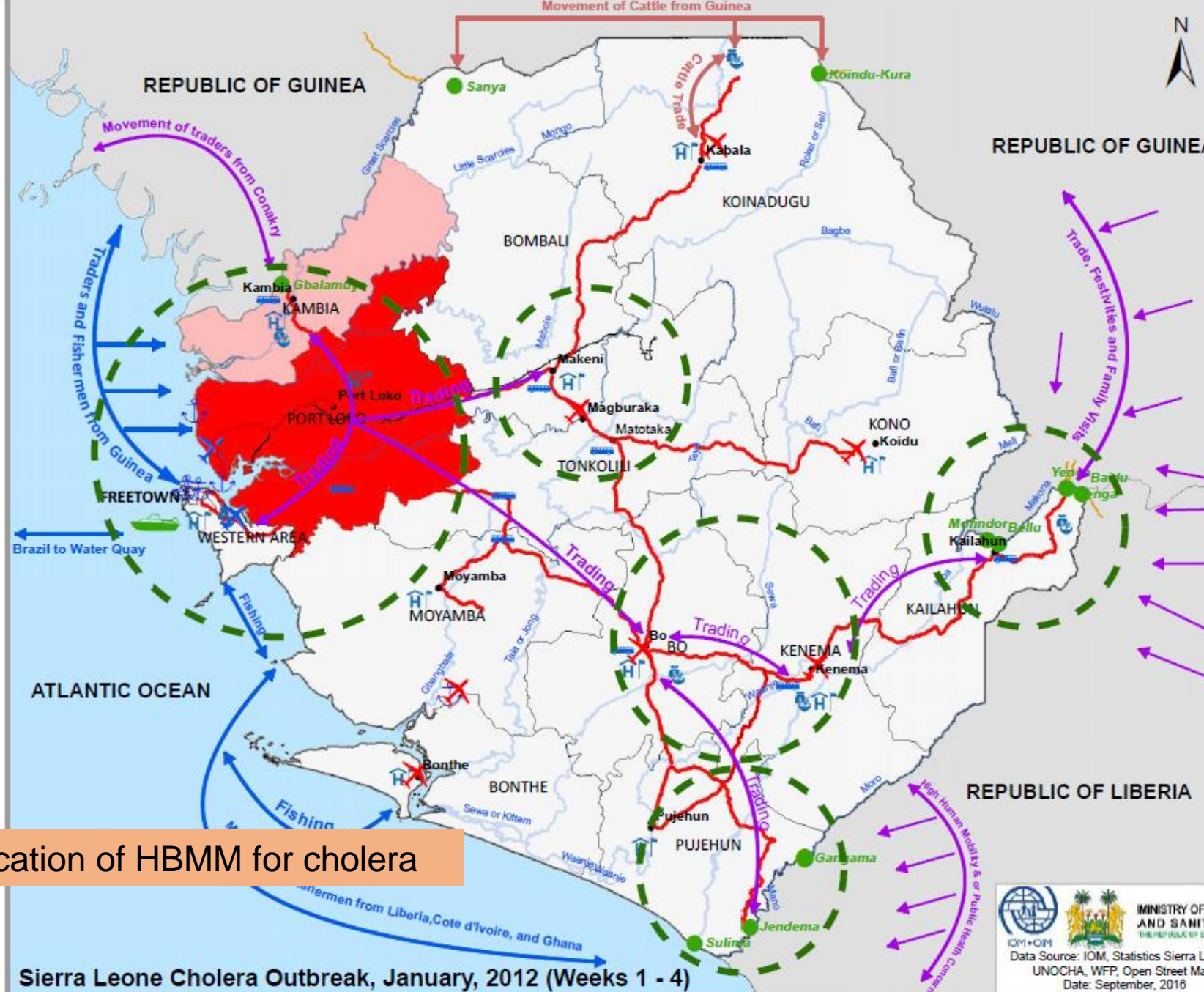
## ENHANCED CAPACITY OF HEALTH SYSTEMS AND BORDER MANAGEMENT SERVICES

- 5 SOP Development (IPC, Case Management, and Migration Management), Training Manuals and Curriculum, Simulation of PHEIC Events, and Training Implementation
- 6 Health Screening and Referral System
- 7 Health Management and Public Health Response
- 8 Provision of Infrastructure and Supplies

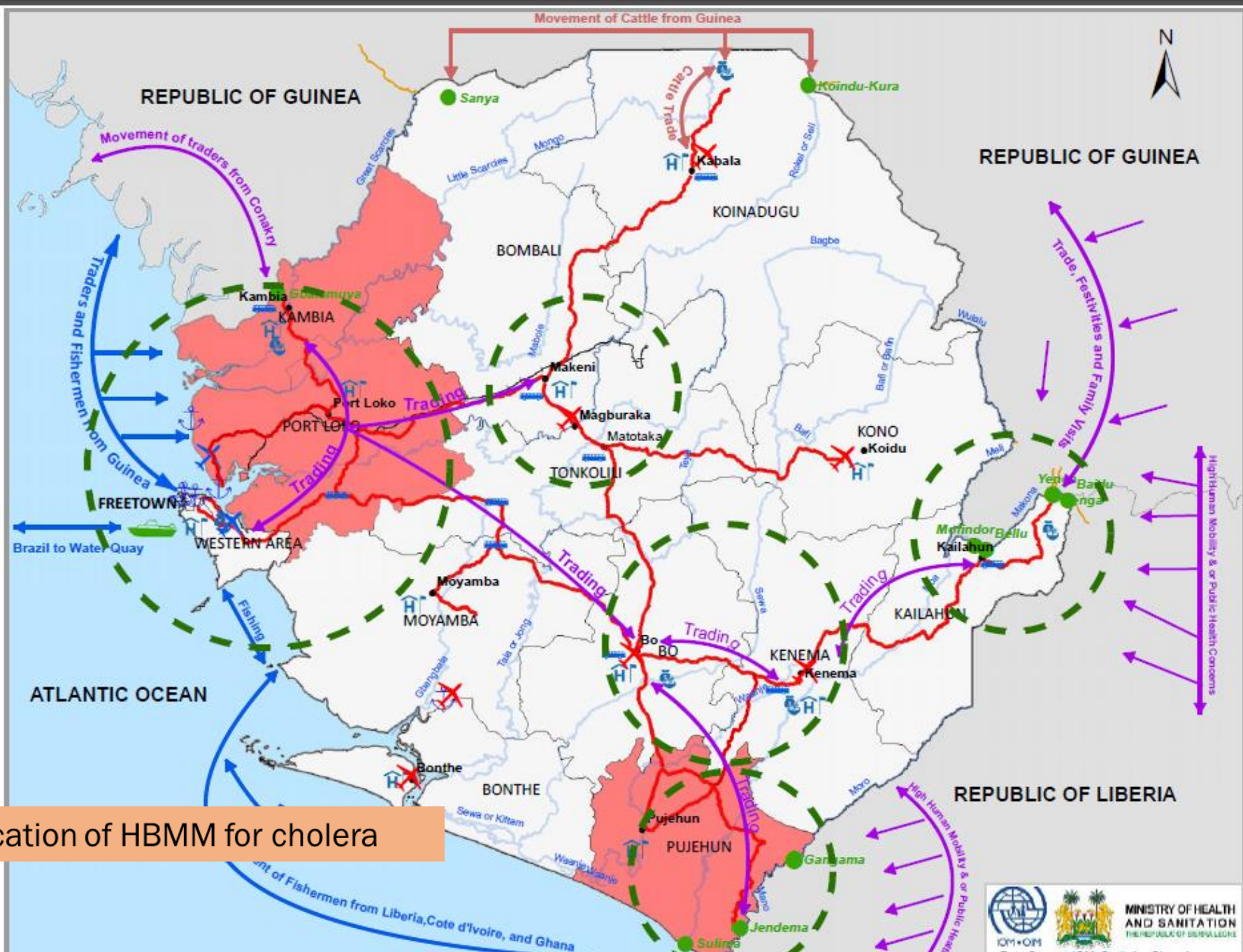
**INTER-SECTORAL  
AND MULTI-  
COUNTRY  
PARTNERSHIPS  
AND NETWORKS**

- 9** Social Mobilization, Population Awareness, and Behaviour Change
- 10** Coordination and Dialogues



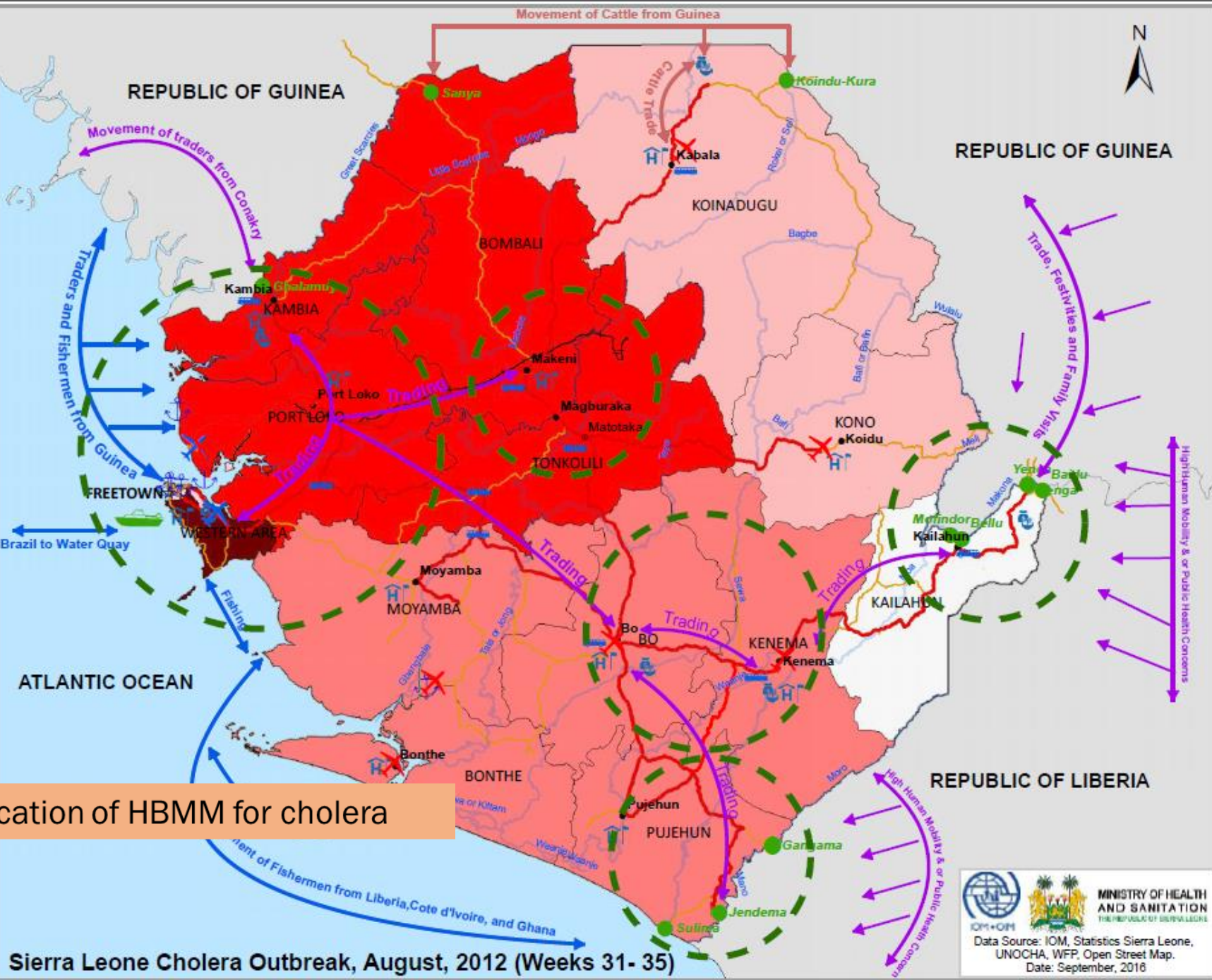






ication of HBMM for cholera





# Community response Map

Community Engagement & Feedback



## COMMUNICATIONS WITH COMMUNITIES





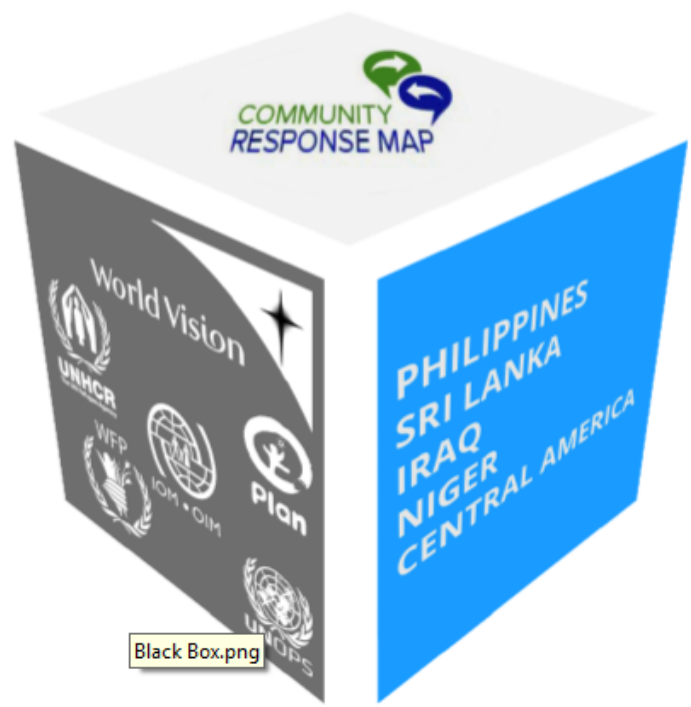
# COMMUNITY RESPONSE MAP



MOBILE PHONE  
/ SMS



SUGGESTION BOX  
LETTER



FACE TO  
FACE  
FEEDBACK



COMMUNITY  
CONSULTATION



# USING FEEDBACK FOR MONITORING IN IOM PROJECTS

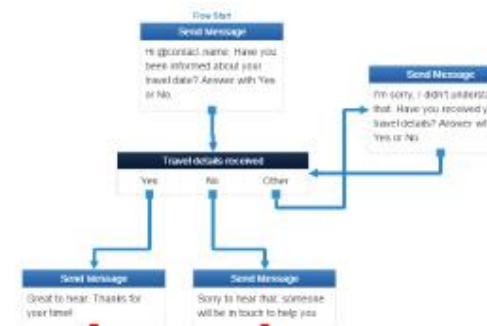
- Community Response Map can help project managers or M&E officers collect, map and analyze community feedback in real-time.
- It maps beneficiaries' concerns, comprehension, level of satisfaction collected via face to face meetings, SMS, call centers, community events etc.
- Feedback tools are needed for Results Based Management\*
- Realtime two-way monitoring & evaluation tool for project managers



\*(Results-based management uses feedback to achieve strategic goals. in government and charitable organisations, where there's no competition to benchmark against.)



- Online platform facilitates two way communications with target population
- Use SMS surveys and other feedback channels to improve project M&E



**ISSUE**

## THEME

### Access to Health Services

### CONTACT INFO

NAME: Josephine Paleio

AGE-33

**PHONE:**

GENDER: Female

DATE RECEIVED: 09/15/2014

### 📍 LOCATION

STREET ADDRESS:

**COUNTRY:** South Africa

REGION: Limpopo

CITY/MUNICIPALITY: Musina

**● FEEDBACK**

**TYPE OF CONTACT:** SMS

MESSAGE RECEIVED:

Almost all households suffered due to stagnant water. There is a problem with the drainage canal. Cough and colds are some of the common illness here especially on children.

**PRIORITY:** Code 3

ADDITIONAL DESCRIPTION:

STATUS: Solved

DATE OF ACTION: 09/15/2014

# REAL-TIME DATA AND REPORTS





# Migration-responsive health system to tackle communicable diseases



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# Thanks

[mmartini@iom.int](mailto:mmartini@iom.int)