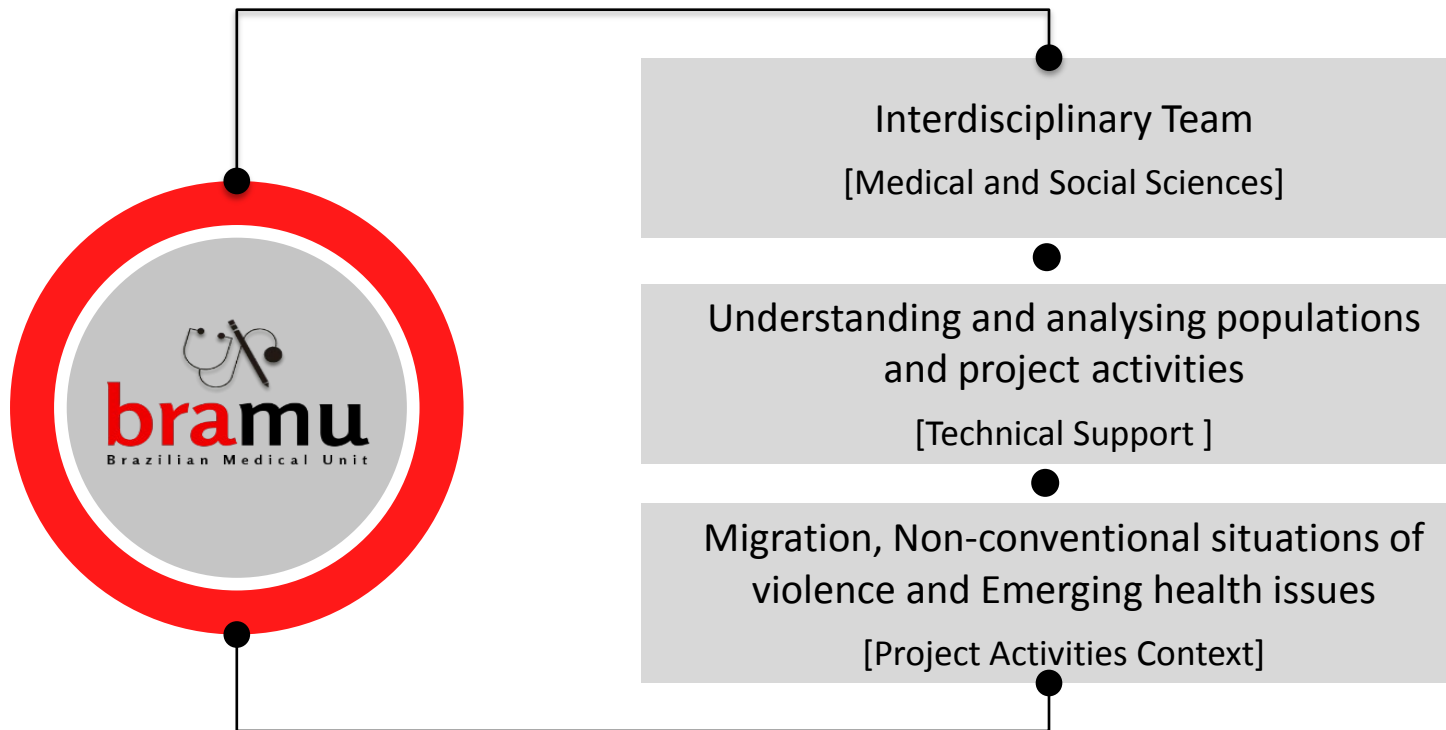




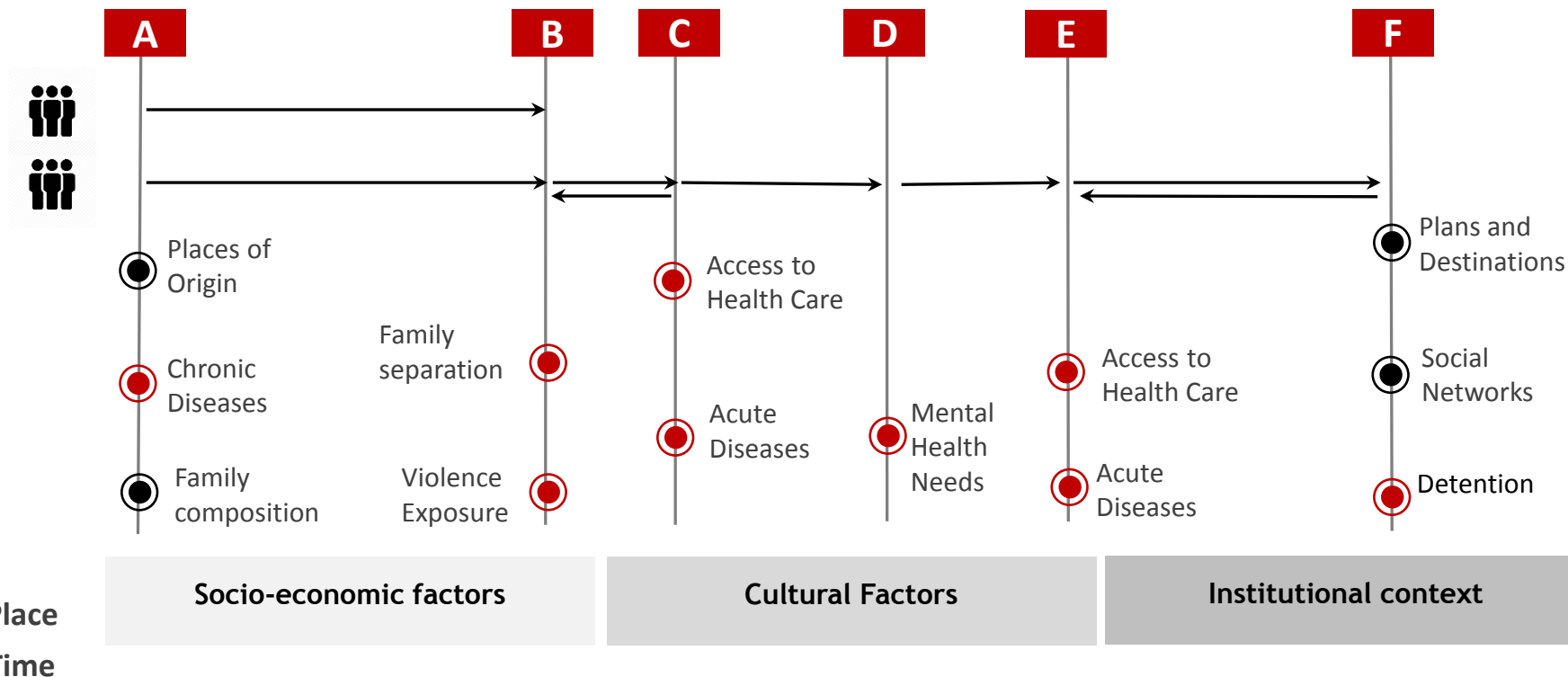
Migration History Tool

OPERATIONAL RESEARCH DAY, Brussels – 31 May 2019



- * Challenges in the documentation of complex migratory processes.
- * Involvement of MSF in activities with migrant populations:
 - Identify vulnerable groups and their health needs;
 - Assess gaps and suggest health strategies for project activities;
 - Determine where attention points are needed in order to reach the population;
 - The findings may be used for advocacy purposes;

Migration Context



The methodology

- * Main difficulty: Standard surveys often fail to capture multiple migratory moves;
- * Lack of association of health related issues to specific space and time;
- * Methodology based on Life History Calendar [*International Migration Institute. University of Oxford*].

The methodology

Collecting, analysing and presenting migration histories

| Year | | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------------------|----------|------------------------|--------------------------------|-----------------------|-----------------|------------------------|--------------|------|-----------------------|------------------------|------|
| Migration history | Where | Accra | | | | | Accra | | | | |
| | When | | | | X | X | | | X | | |
| | When | | | | X | X | | | X | | |
| | Where | Apan | | | | | Takoradi | | | | |
| [OTHER DOMAINS] | | | | | | | | | | | |
| Landmarks | National | Presidential elections | Stadium stampede; Floods in A. | Violence in the North | | Presidential elections | | | Ghana 50 Floods in N. | Cup of African Nations | |
| | Personal | | | | Death of mother | | Car accident | | | | |

Source: Constructed by the author, inspired by Freedman et al. (1988) and Axinn et al. (1999).

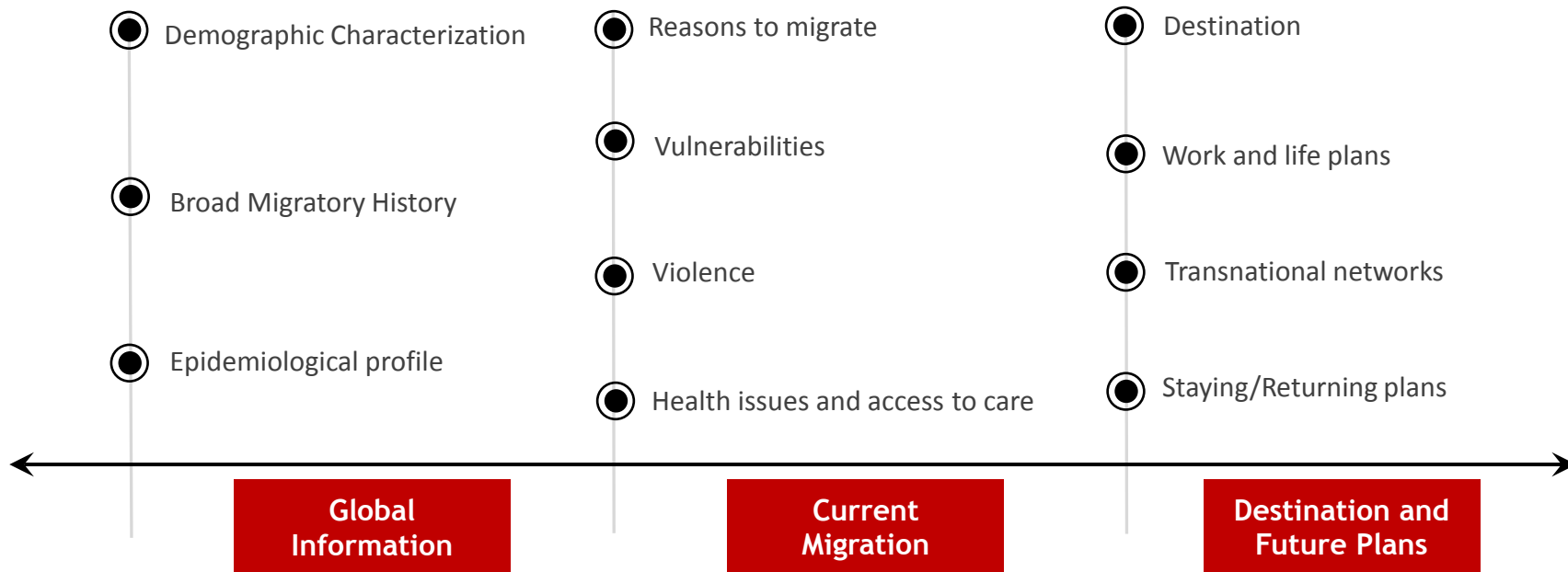
The methodology

Why is it different?

- * Space and Time as main variables to guide data collection and analysis.
- * Timing variation organized into different time-frames according to project activities.
- * Capture human mobility: International migration, internal displacement, pendular and circular movements.

Groups of information

Data Collection

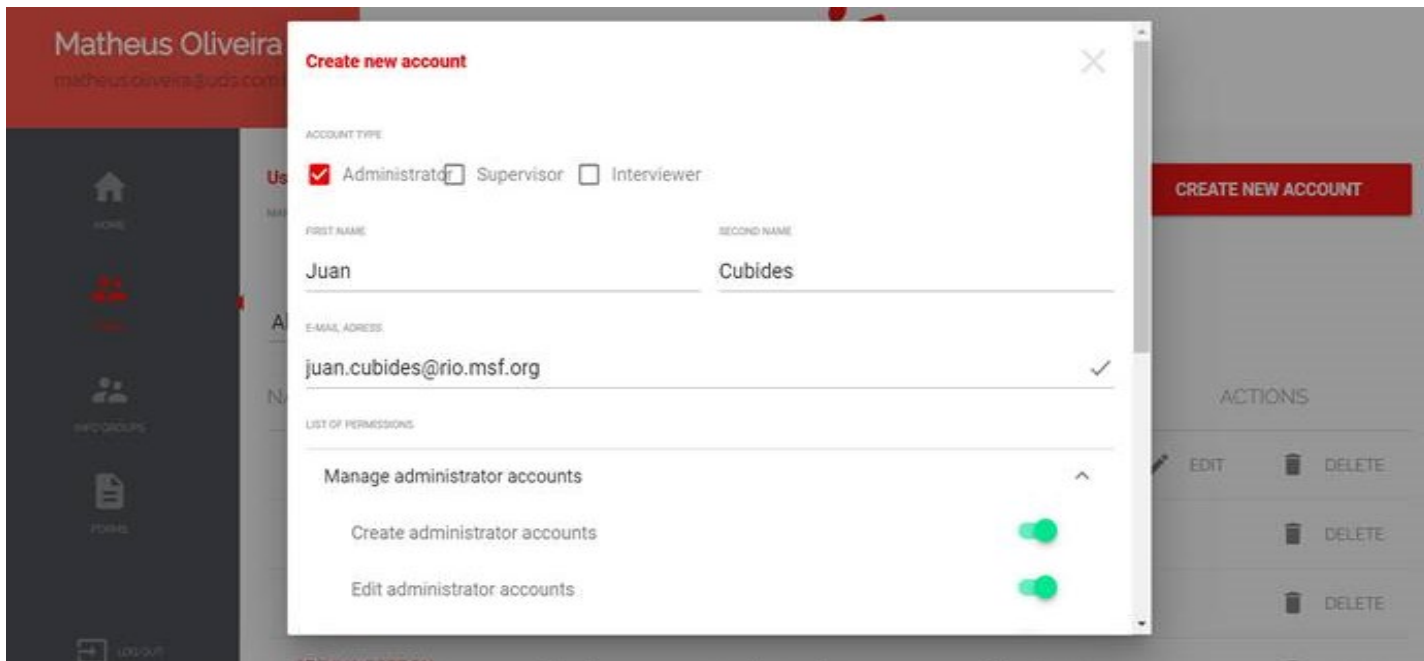


* The information groups and modules will be adapted according to the context and can be prioritized depending on operational project needs.

The *Migration History Tool* is projected to trace migratory patterns in contexts of multiple and complex moves, relating that to migrants' health conditions in unstable settings; for which traditional questionnaires are often unsuitable.

Data collection

- * We explored different alternatives for software: Excel, Kobo, Dharma, DHIS, etc.
- * The gap: Flexible software allowing linking of information groups to specific locations [GIS component] and timeframes.
- * The solution: A customized software tailored to collect data on human mobility funded by MSF Transformational Investment Capacity [TIC].



The screenshot shows a web application interface with a sidebar on the left containing navigation icons for Home, Users, Groups, Forms, and Logout. The main content area displays a 'Create new account' modal form. The form includes fields for Account Type (with checkboxes for Administrator, Supervisor, and Interviewer), First Name, Second Name, E-mail Address, and a List of Permissions. The 'Administrator' checkbox is checked, and the 'List of Permissions' section shows three items: 'Manage administrator accounts', 'Create administrator accounts', and 'Edit administrator accounts', each with a green toggle switch. The background shows a user profile for Matheus Oliveira and a 'CREATE NEW ACCOUNT' button.

Matheus Oliveira
matheusoliveira@uio.msfi.org

CREATE NEW ACCOUNT

Create new account

ACCOUNT TYPE

☒ Administrator ☐ Supervisor ☐ Interviewer

FIRST NAME SECOND NAME

Juan Cubides

E-MAIL ADDRESS

juan.cubides@rio.msfi.org

LIST OF PERMISSIONS

Manage administrator accounts

Create administrator accounts

Edit administrator accounts

ACTIONS

EDIT DELETE

DELETE

DELETE

- * Fully automatized *application* user and password protected with 3 access levels: User [interviewer], Supervisor and Administrator

GLOBAL MIGRATION HISTORY
1 of 5

BACK
 CANCEL

1

Inform the places where you lived for more than 6 months

Brasil
 Argentina
 Chile
 + Add new place

COUNTRY
Chile

CITY/ TOWN
City

DATE
Month Day Year

TIME OF RESIDENCE
12

TIME UNIT
Months

WHAT WERE THE REASONS TO MOVE?

Eviction ☐
 Wanted ownership of a house ☐
 Wanted cheaper house ☐
 Wanted a better house ☐
 Wanted a safer neighbourhood ☐
 Wanted a neighbourhood with a better infrastructure ☐
 Job search ☐
 Gather with family ☐
 Change on marital status ☐
 To start a new family ☐
 Family conflicts ☐
 Victim of violence ☐
 Victim of political prosecution ☐
 Victim of natural disaster ☐
 Food insecurity ☐
 Following a family member ☐
 Other ☐

NEXT QUESTION

ROUTE CONFIRMATION
1 of 11

BACK
 CANCEL

1

Is that correct?

NO
 YES



Prototype

The App

- * Overview of the programmed modules for data entry and types of questions.
- * Disclosure of sensitive info

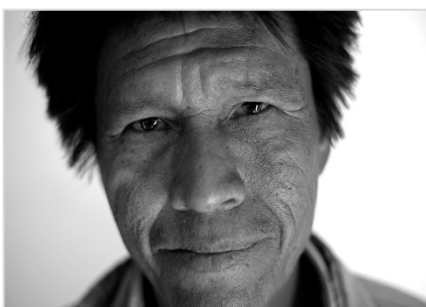
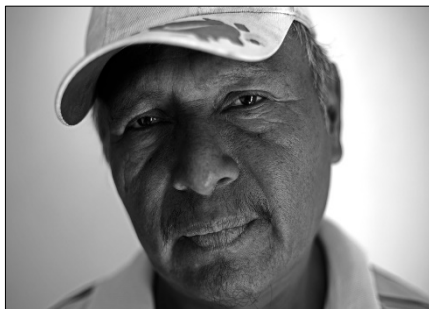
This screenshot shows the 'Questionnaires for download' interface. At the top, there is a header with the MSF logo, a greeting 'Hello, Usuário simples ADMIN', and an 'EXIT' button. Below the header, there are two dropdown menus for 'Country' and 'Year'. The main content area lists two questionnaires: 'Brazil Questionnaire 1 - v1' and 'Brazil Questionnaire 1 - v2', both applied by 'Usuário' on February 12, 2019. Each entry has a 'DOWNLOAD' button with a download icon. At the bottom, there are two prominent red buttons: 'UPLOAD QUESTIONNAIRES' and 'REGISTER INTERVIEWER'.

This screenshot shows the 'REGISTRATION' screen. At the top, there is a header with the MSF logo, a 'BACK' button, the text 'REGISTRATION Group 2', a progress indicator '9 of 10', and a 'CANCEL' button. Below the header, there is a play button icon and the text 'Press play to hear the question'. The main content area features three buttons: a green checkmark button labeled 'No', a red X button labeled 'Yes', and a grey button with a minus sign labeled 'Don't want to answer'. At the bottom, there is a 'NEXT QUESTION' button.



Implementation and Perspectives

- * Pilot and implementation in Beitbridge Zimbabwe project.
- * Further implementation with VNZ migrants in Brazilian and Colombian Borders.
- * Further development according to implementation needs.



Obrigado



Paraguai
Seamus Murphy
Colômbia
Stephan Vanfleteren