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Mobile Phone Data for official statistics

08 November 2022

Flowminder Foundation
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Knowledge Centre Manager

Photo credit: ECHO, Susana Perez Diaz, Flickr

Backstory

2010 Haiti Earthquake & cholera epidemic

Some of our supporters:

JIPS informing solutions to internal displacement

GSMA

Hewlett Foundation

IDB Inter-American Development Bank

Gavi The Vaccine Alliance

dial Digital Impact Alliance

IOM UN MIGRATION

Schweizerische Eidgenossenschaft
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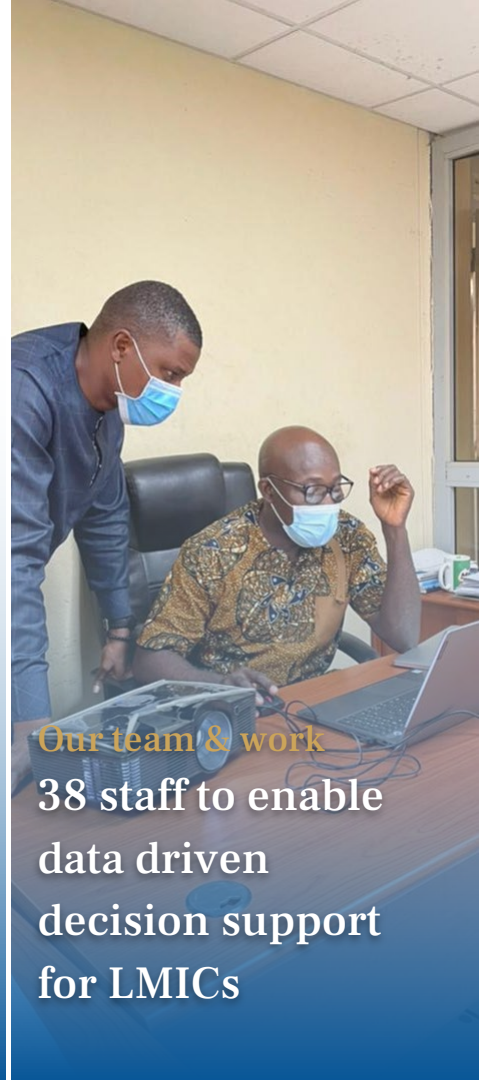
Federal Department of Foreign Affairs FDFA
State Secretariat STS-FDFA
Peace and Human Rights

Our supporters

Non-profit funded by & supporting key actors



Our team & work

38 staff to enable data driven decision support for LMICs

Science & Innovation

Solid academic research. 50+ peer reviewed publications

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What do you think is the role of the private sector in the use of MPD in NSOs in developing countries?

- Hubs of highly specialist expertise
  - Bringing together a broad range of learning and insights
  - May not be warranted within an individual NSO
- Greater focus on applications and implementation
- Able to leverage different sources of funding
  - Investment capital
  - Philanthropic funding
- Business mentality that requires sustainability

Implementation & real impact requires collaboration

- The use of CDR data often involves many stakeholders e.g.:
  - MNOs
  - Government end users
  - Regulators
  - IGOs
- **Ghana is a good model of government partnership**
  - Ghana Statistical Services
  - Vodafone Ghana
  - Flowminder

Working with governments is an essential criteria for generating impact.

vodafone | STATISTICAL SERVICE GHANA | FLOWMINDER.ORG

> If we want to achieve the SDGs, we need to invest in data systems, and we are confident that our successful partnership with Vodafone Ghana & Flowminder is the way forward to leverage data for good.

Omar Seidu, Head of Demographic Statistics and SDGs Coordinator at Ghana Statistical Service

What are the free tools that NSOs can use to explore MPD?

- The main barrier to the use of MPD is access
  - Access needs to be agreed by the MNO(s)
  - Preserve the individual privacy of subscribers
  - Protect commercially-sensitive data
- Hardware can also be an important cost
- FlowKit
  - Open-source (MPLv2) software suite for the secure processing, analysis and granular access control of CDR data.