



Pulse Lab Kampala is the third lab of the United Nations' Global Pulse network. It supports the UN Country Team and the Government of Uganda to achieve the Global Goals for sustainable development. As a regional hub, it leverages data innovation, new sources of digital Big Data and real-time analysis techniques.

PULSE LAB KAMPALA

As an innovation Lab under the umbrella of the Pulse Lab network, Pulse Lab Kampala supports policy-makers in anticipating and responding to poverty, impacts of natural disasters, epidemics and food security by leveraging new sources of digital Big Data (such as social media, mobile data, online information) and real-time analysis techniques.

Pulse Lab Kampala is established as an inter-agency initiative under the United Nations Resident Coordinator in Uganda. It contributes to the United Nations 'Delivering as One' process supporting joint programming and monitoring and evaluation for sustainable development.

THE DATA REVOLUTION

The explosion in access to mobile phones and digital services means that people everywhere generate vast amounts of digital data every day. This happens as they buy and sell goods, transfer money, make phone calls, search for information on the Internet or express opinions on social media or radio.

A data revolution is ongoing and new tools and systems for data analytics are needed. Pulse Lab Kampala supports the United Nations and the Government of Uganda by building the tools and capacities necessary to harness the data revolution for human development and humanitarian challenges.

NEW DATA, NEW CAPACITIES

Pulse Lab Kampala works on projects and tools leveraging new sources of digital data and technology tools. New partnerships and capacities are promoted to support:

1. Enhanced early warning: Real-time data analysis can provide earlier detection of shocks and trends allowing targeted response to emerging crises;
2. Real-time awareness: Real-time data provides an up-to-date picture of what a population needs. This can lead to better and more effective program planning and implementation;
3. Real-time feedback & impact evaluation: Timely data allows for rapid, adaptive course correction in development programmes.

HOW PULSE LAB KAMPALA WORKS

The Pulse Lab is a hub where data scientists, data engineers,

partnerships specialists, academics and technologists can sit side-by-side with policy-makers and development practitioners to collaborate on projects and prototypes leveraging innovative solutions to address development challenges.

PULSE LAB KAMPALA PARTNERSHIPS

Pulse Lab Kampala is forming collaborations with East African companies and organisations in the following ways:

- **Projects & Prototypes:** The UN System and national development institutions can collaborate with the Lab by offering a topic or project idea where the use of real-time digital data could be valuable to achieving development objectives.
- **Data Access:** Private sector or UN System partners can collaborate by providing access to streaming digital data to support a project or prototype.
- **Technology & Expertise:** Private sector and academic partners can collaborate by contributing expertise, or access to cutting-edge technologies for data mining, real-time analytics and data visualisation, or by sharing storage and computing capabilities to complete projects in the Pulse Lab.
- **Sponsorship:** Donors and sponsors can support Pulse Lab Kampala's events, projects, and capacity-building activities.

DATA PRIVACY

UN Global Pulse abides by a 'privacy by design' approach to ensure privacy principles are at the core of any research process or technological development. The data collected and analysed by Pulse Lab Kampala for development purposes does not include personal or personally identifiable information. Instead, data sets are anonymised and aggregated to ensure full protection of individual privacy.

CONTACT

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