Mobile Phone Data for Official Statistics & Better Inform Policymaking

ICT Indicators Symposium

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GVG
GLOBAL VOICE GROUP

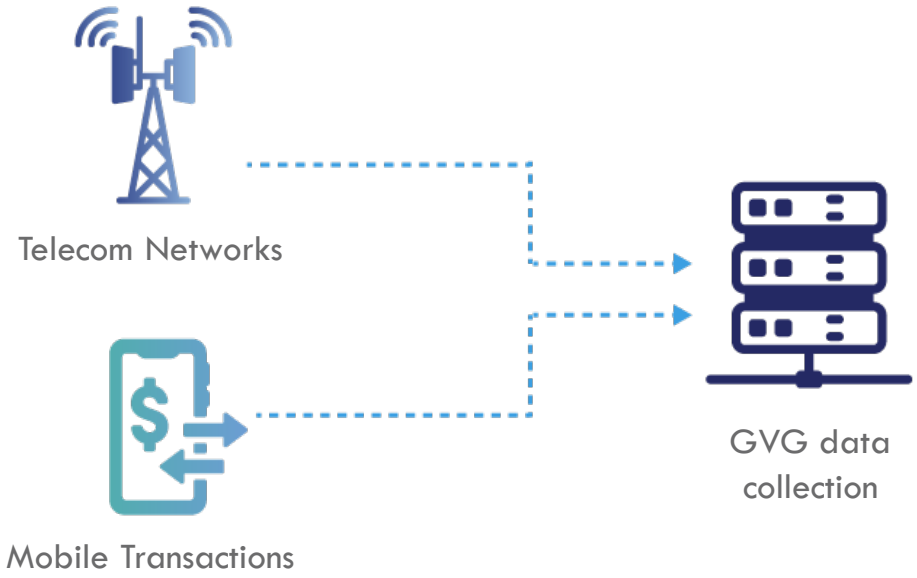
DATA COLLECTION PROCESS

A data-centric approach boosted by technology

GVG **monitors, collects and analyses data** from crucial economic sectors and **turns it into actionable information.**

- We promote data-driven decision-making.
- By collecting reliable and **comprehensive** ICT Data, we contribute to the **visibility and transparency** of regulated economic sectors, including the telecom and financial sectors.

SUPPORTING REGULATORY BODIES AND GOVERNMENT AGENCIES



The **data comes directly from telecom networks** and **relevant mobile transaction streams**.

We ensure a **reliable data aggregation** and have pioneered the mining of telecom data for critical purposes.

GVG EXPERIENCE

MPD3_Laurent Sarr_video.mp4

WE WORK WITH PUBLIC BODIES IN A NUMBER OF CRITICAL AREAS

Why Data still remains a challenge
in many countries?

MAIN BARRIERS: TRUST, SECURITY AND LACK OF EXPERTISE

Lack of trust between the public and private sectors in sharing data

CAUSES & IMPACT

Regulatory gap: the telecom operator's concern stems from the absence of appropriate regulation

Data security concerns: telecom operators hesitate to share their data with public authorities out of a need to protect themselves and their agreements with their customers

Lack of clarity and understanding and a perceived lack of expertise of some of the stakeholders

How to mitigate data access issues ?

DATA ACCESS

Regulation is the KEY to access data

None of the data steps (acquisition, processing, analysis, management…) can take place without proper regulation.

An appropriate regulatory framework should take into consideration the concerns of the private stakeholders to promote **data access and data transparency**.

Collaboration between the public and private stakeholders is crucial to **ensure secure access to quality data**.

DATA PROTECTION: ensuring full compliance with privacy laws

HOW?

1. Hosting the collected data in a **highly secure private** environment.

2. Ensuring IT infrastructure is **aligned with the best security practices** and IT standards.

3. Providing full capabilities for the **pseudonymization of private data.**

ACHIEVING DATA PSEUDONYMIZATION?

- According to **General Data Protection Regulation (GDPR),** for data to be truly anonymized, the anonymization must be done in such a manner that the data can no longer be attributed to a specific data subject without the use of additional information.
- **Identified data can be transformed into pseudonymized**, rather than anonymized ones.
- Pseudonymization is the process of **switching personal data set into an alias or pseudonym.**

Trust is a key Requirement when it comes to the creation of a digital society and this assures that **the information provided, obtained, or stored locally is safe** if individuals are to benefit from valuable services.

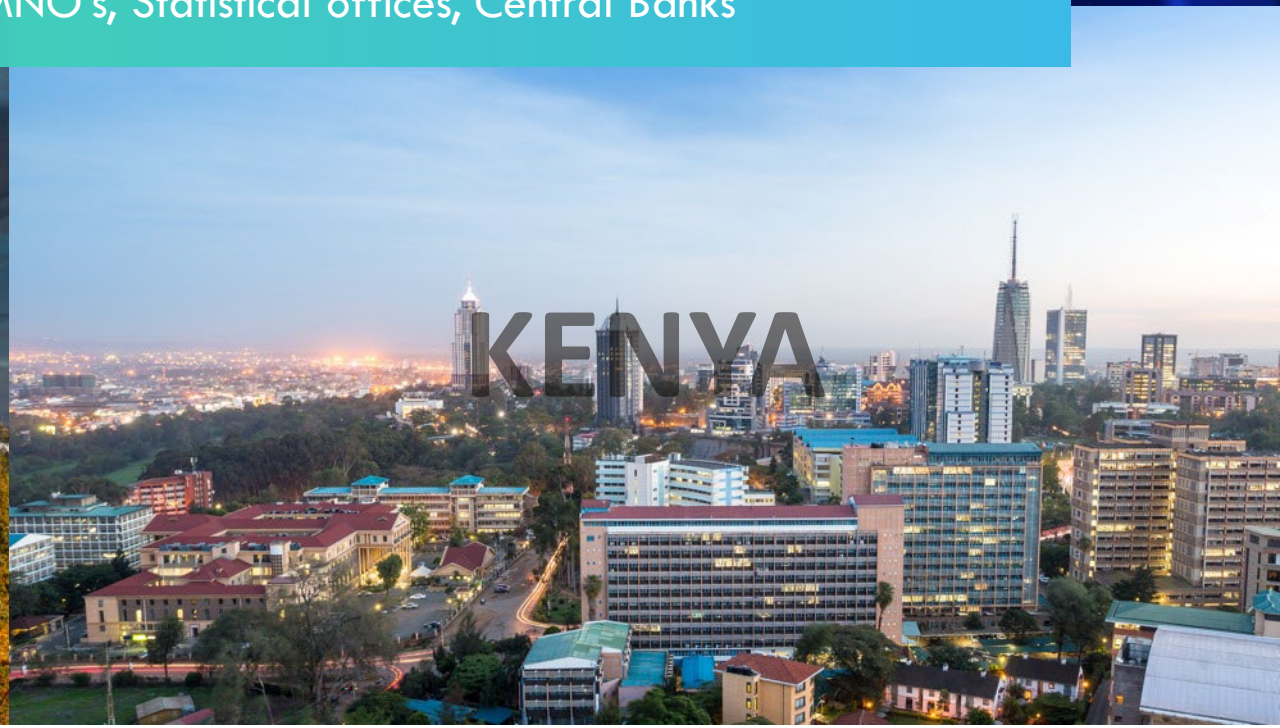
GVG & DATA ACCESS

Boosting data access is a core mission
for Global Voice Group (GVG)

BUSINESS PROCESS MAPPING (BPM)

Tools and techniques used to identify the role of national stakeholders and understand, analyse and document processes

GPSDD Initiative: Ministry of Comms, MNO's, Statistical offices, Central Banks



THANK YOU

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