



Where are the data

Requirements for Implementing the Global Fundamental Geospatial Data Themes in Africa

United Nations
Economic Commission
for Africa

Geoinformation &
Spatial Statistics

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International Workshop on Global
Fundamental Geospatial Data Themes for
Africa

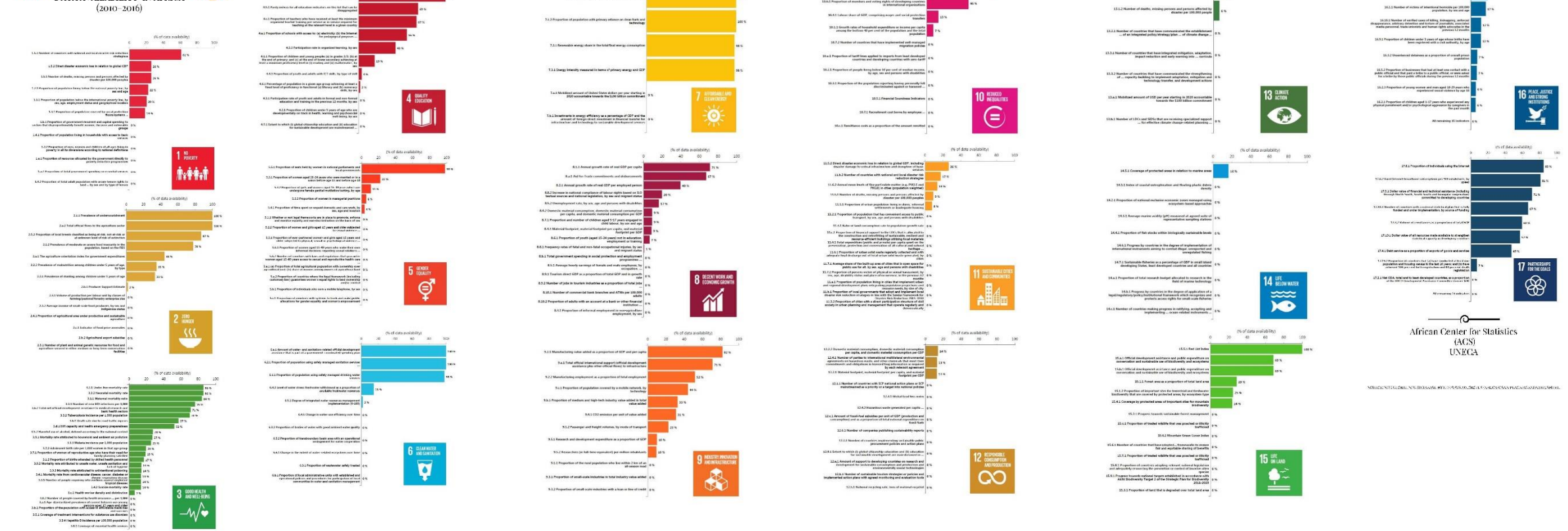
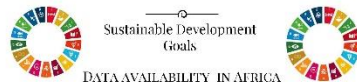
25-27 April 2018

Addis Ababa, Ethiopia



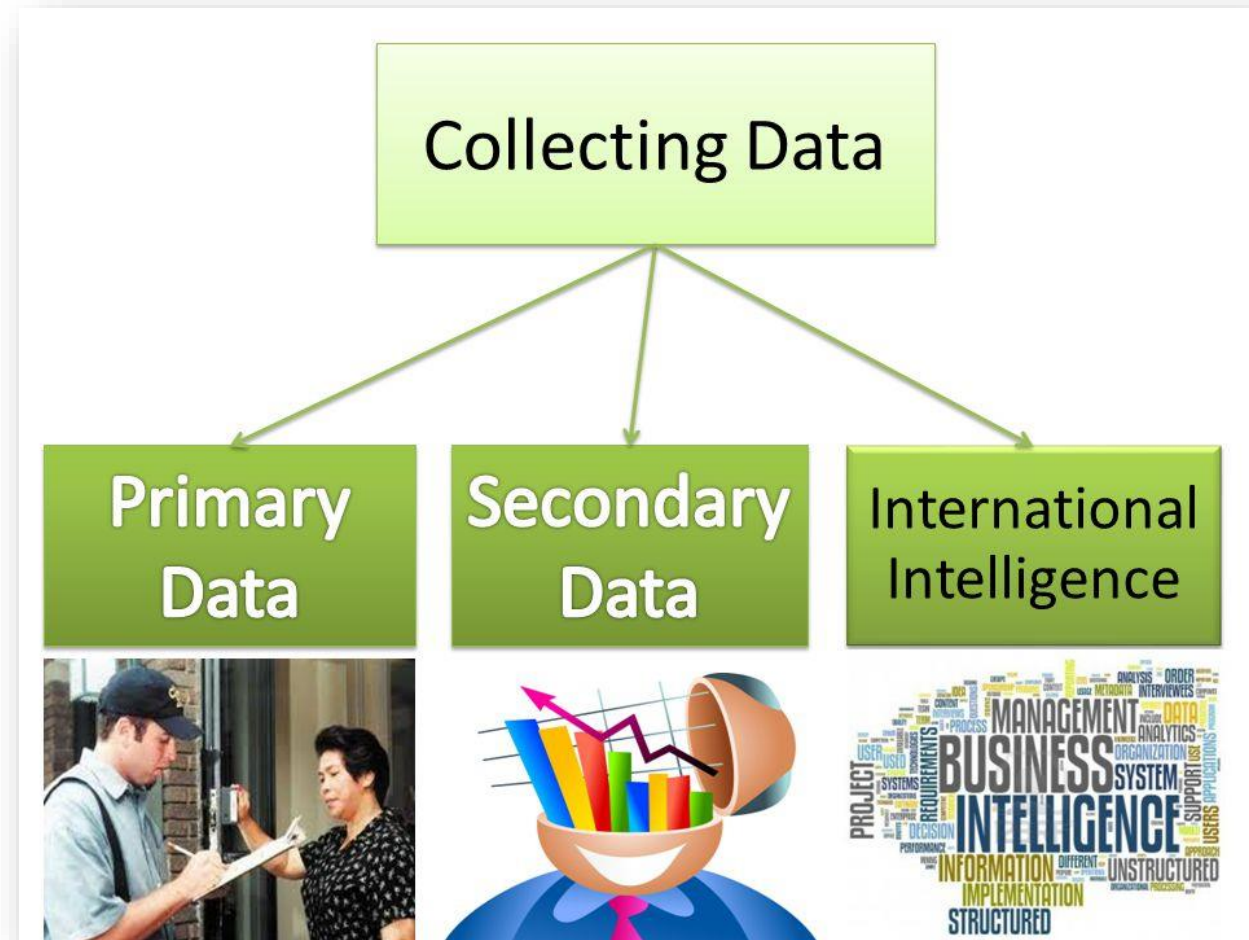
UN-GGIM: AFRICA
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

Availability of Data for SDGs in Africa



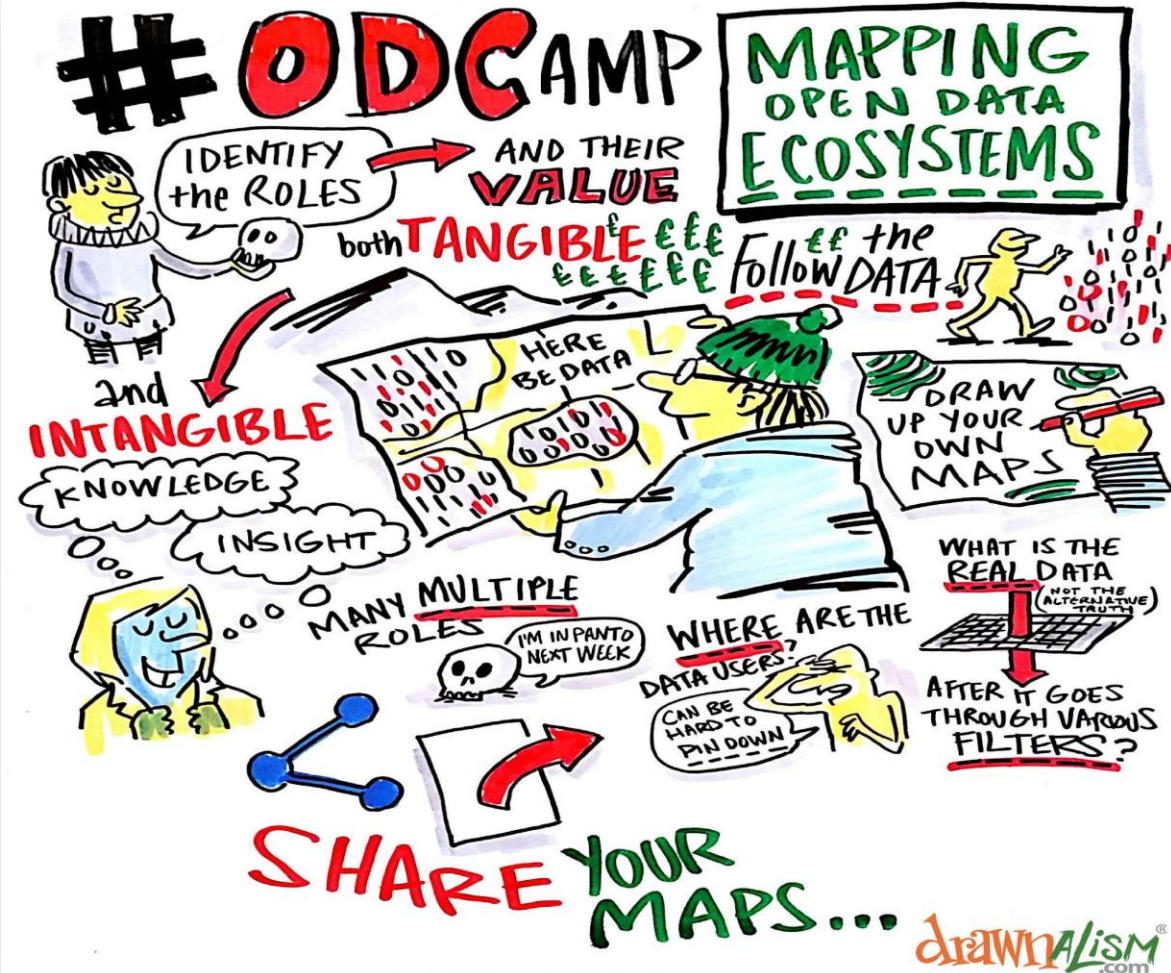
Data Sources

- Multiple sources
- Official data from member states
- Data from regional and international organizations
- Data generated from flash surveys undertaken by international organisations
- Data generated from stakeholders research outputs
- Citizen generated data



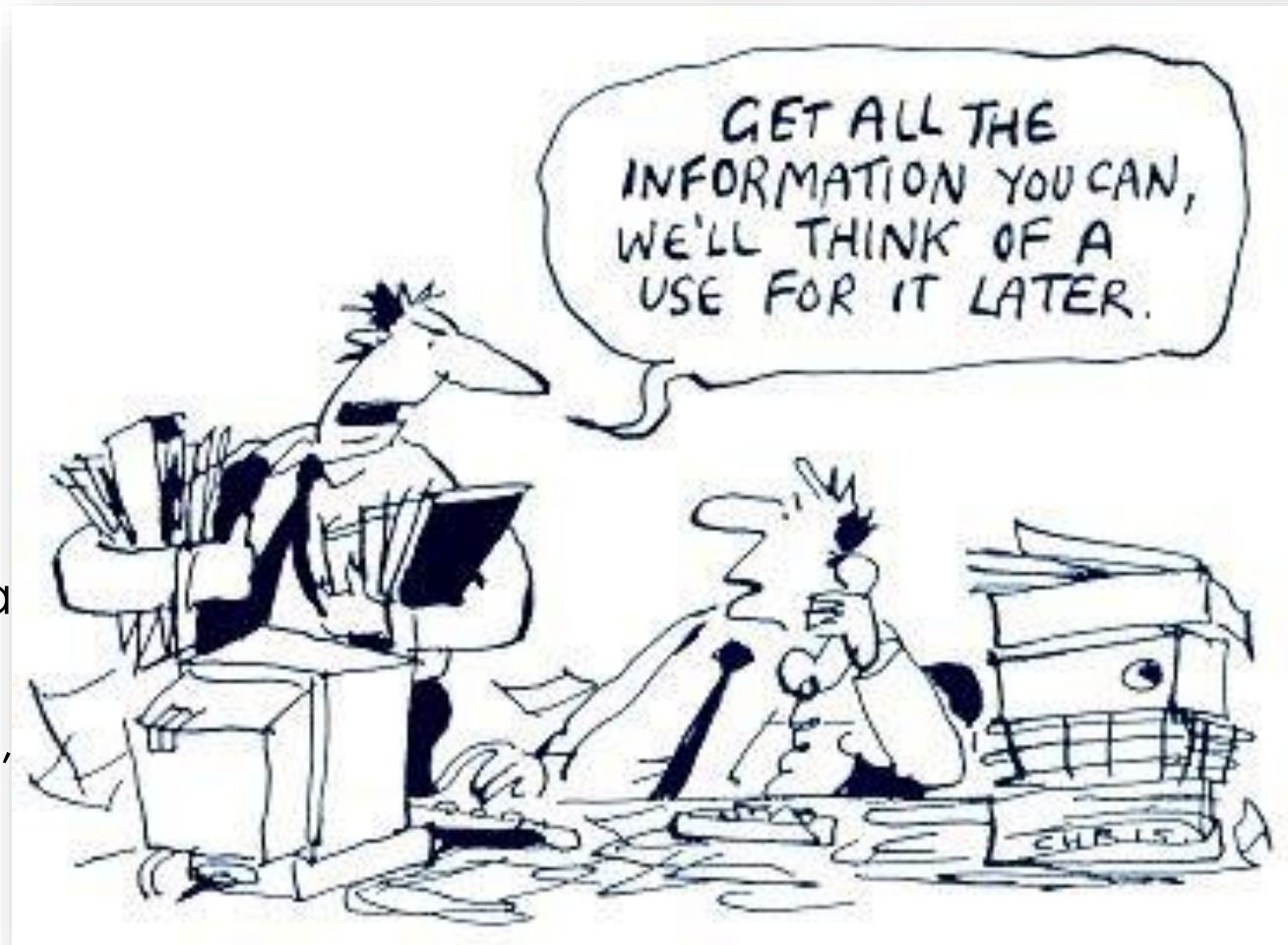
Data Ecosystems

- **Multiple data communities:** all types of data (old and new), institutions, laws and policy frameworks, innovative technologies and tools, interacting to achieve the data need.
- **National Statistical Offices:** Responsible for official statistics as public good, which remains at the core of the data ecosystem.
- **Geospatial Data Community :** Increased availability of satellite images (both in volume and frequency): flood detection and prediction, deforestation monitoring.
- **Citizen - Social media:** analysis of public sentiment, early warning ...



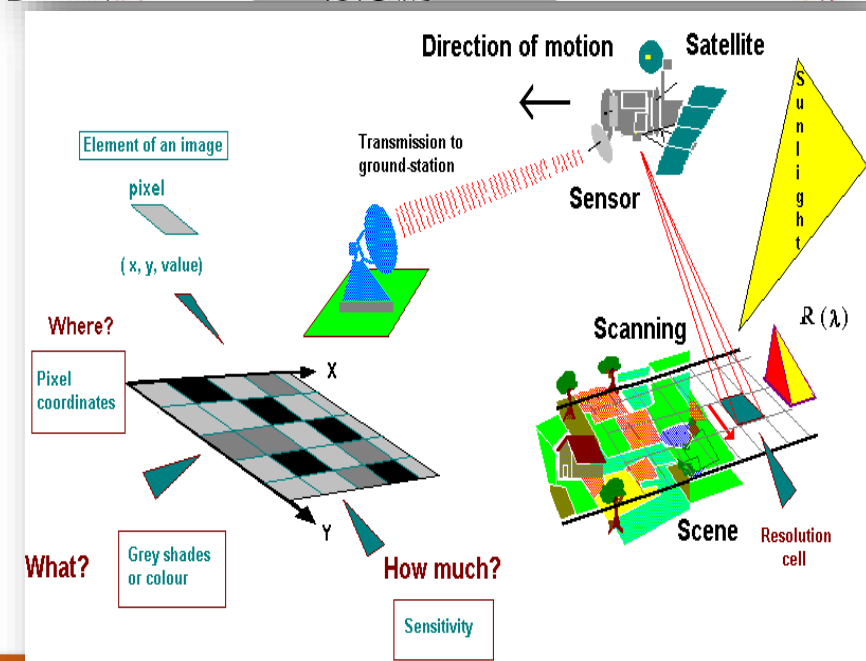
What People Need

- Accessibility of evidence-based information and products
- Connectivity and data exchange between producers and users
- Information, Products & Services linking local to global
- Multi-stakeholder approach to production, management, and dissemination of spatially enabled data
- Ensure that reliable spatially-enabled information is easily available for policy, investment, planning, management, monitoring and evaluation purposes at the regional and national scales.



Requirements : Expanding the Data Ecosystems

- NOT all new data sources CAN fit into traditional/official statistical systems
- New sources constantly being discovered
- New uses evolving
- Some decisions do not need data to be stamped as “official” before using them
- National Statistical System cannot accommodate them
- Expand the data ecosystem beyond NSS



Way Forward....

- Data democracy
- Encourage countries to open up government data for the wider community of users
- Adhere to agreed standards : metadata, data models, encoding, interoperability
- Data revolution
- Translate complex cycle of data acquisition, processing, analysis, visualization and decision making into real time planning, management and monitoring processes.



**Strengthening
governance
of geospatial
information**



**Meeting
urgent
development
needs**



**Try
providing a
service**

About ECA (www.uneca.org)

- United Nations Economic Commission for Africa
- Regional arm of the United Nations in Africa
- One of the three regional African institutions (with AUC and AfDB)
- Reports to African Conference of Ministers of Finance & Planning
- Main Development Responsibility
- Encourage the growth of the economic and social sectors on the continent
- Foster regional integration and promotes international cooperation
- Priority : Be a Think Tank of reference on matters pertaining to Africa's development.

The screenshot shows the official website of the United Nations Economic Commission for Africa. The header includes the UN logo, the text 'United Nations Economic Commission for Africa', and language options for English and Français. A search bar is located in the top right corner. Below the header is a navigation menu with links for 'About ECA', 'Our Work', 'Subregional Offices', 'Capacity Development', 'Publications', 'Events', 'Media Centre', and 'Contact us'. The main content area features a large banner for the 'African Economic Conference' with the headline 'Investing in people-centered innovation and technology essential to Africa's development'. To the right, there is a 'MAJOR EVENTS' section listing the 'AFRICAN ECONOMIC CONFERENCE 2014' and the 'CONFERENCE ON LAND POLICY IN AFRICA'. Below this is a 'RECENT STORIES' section with two articles from November 2014. A 'MAIN AREAS OF WORK' section displays seven icons representing: Macroeconomic Policy, Social Development, Regional Integration and Trade, Natural Resource Management, Innovation & Technology, Gender, and Governance. The 'AFRICAN POLICY CENTRES' section lists several centers including the African Centre for Statistics, African Minerals Development Centre, African Institute for Economic Development and Planning (IDEP), African Climate Policy Centre, Land Policy Initiative, and African Trade Policy Centre. On the right side, there is an 'ECA DATABANK' section with a quote: 'What proportion of the total population in Africa use an improved drinking water source?' and a call to action: 'Discover more on the ECA DATABANK'.