



Where is the data

Data and information for SDGs



United Nations
Economic Commission
for Africa

Geoinformation &
Spatial Statistics

Andre Nonguierma

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Ouagadougou, Burkina
Faso
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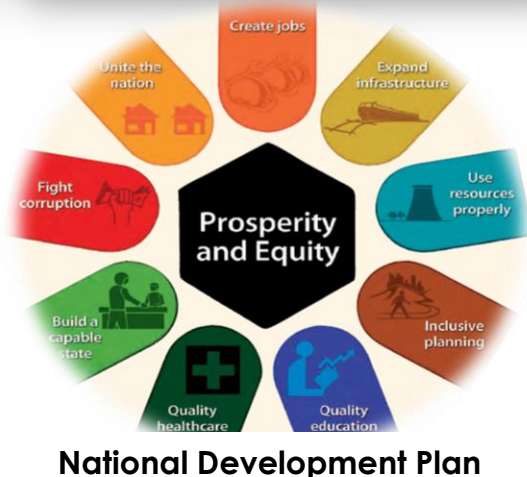
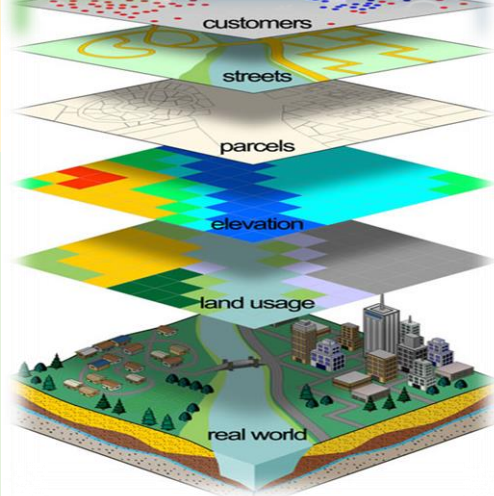


UN-GGIM: AFRICA
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

The Policy Drivers : Global Need for Spatially-Enabled Complex Information



- A right decision making requires the gathering and reviewing of up-to-date, cold & hard facts.
- For the facts to be interpreted, understood, and linked to our goals and to our decisions, we need to bring together data linked with the one thing they have in common : Location (Where)



African Data Nexus Issues

- Mapping of the African continent has been at best very patchy. The territories of many countries have not been systematically mapped, particularly in the post-colonial era, at scales that are adequate for national development purposes.
- There have been several project-specific mapping activities, but they have often been sporadic and have usually tended to meet the minimum requirement of a particular project. In addition, institutions in the North hold much of the data, with little or no access to users in Africa.

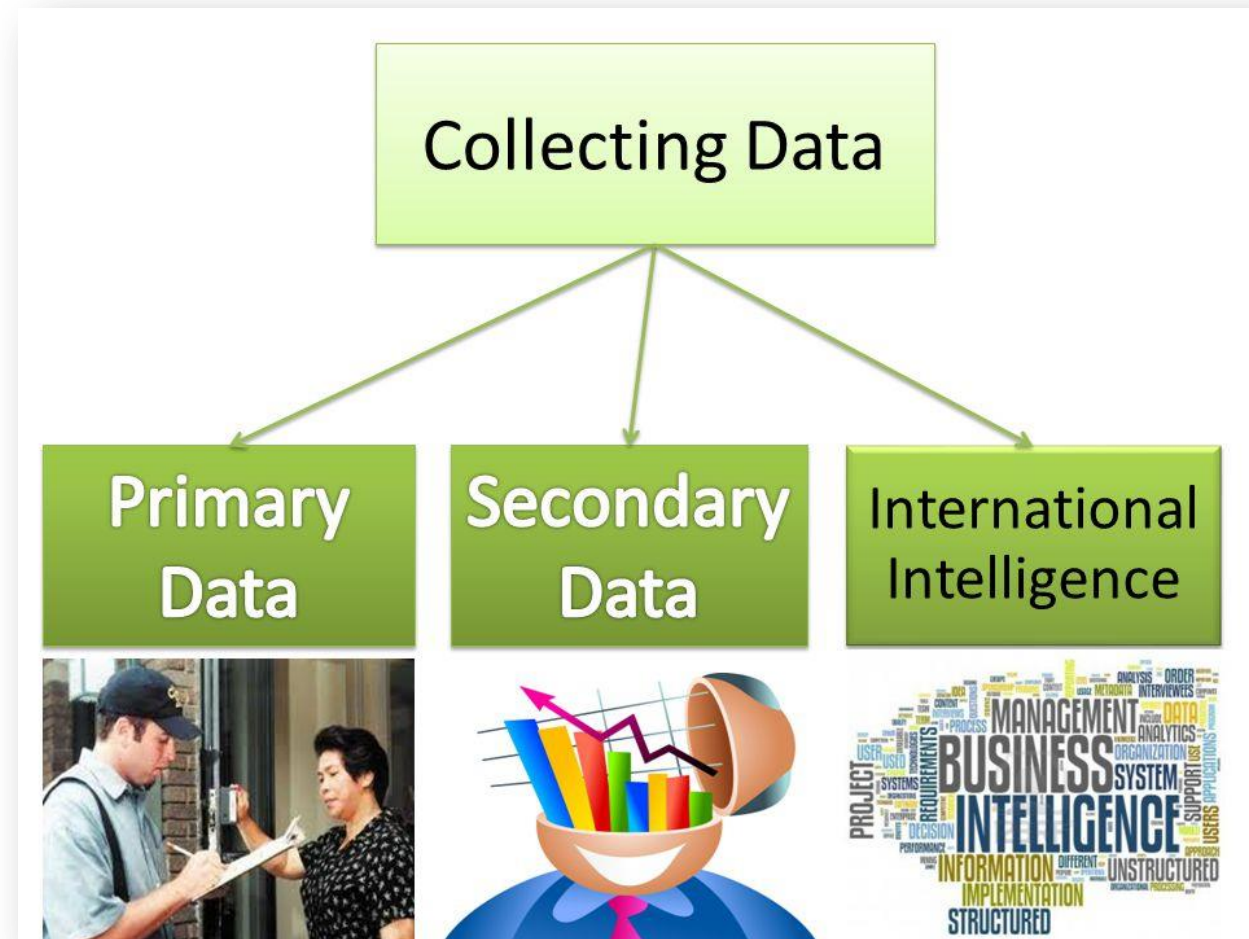
Core Data : Poor Mapping Coverage Lack of consistency	2.5 % of the Continent is Mapped at 1/25.000 (Europe: 86.9% ; Russia : 100%)
Frameworks & Tools :	Poor Interoperability Lack of Standardisation Non codified rules for data access
Applications: Duplication of efforts	Several applications build repetitively the same datasets Data are not publicized
Capacity : Recognition & Retention of Professionals	Critical mass. Turnover
Governance: Lack of Coordination	Redundancies in initiatives. Inadequacy



- ▣ **Disponinility**
Finding the appropriate information at the required time and at the relevant scale of aggregation
- ▣ **Accessibility**
Even where information is available, it may not be easily accessible, either because of the lack of tehnology for effective access or because of associated costs
- ▣ **Transformability**
There is a general lack of infrastructure capacities for the collection and assessment of water data, for their transformation into useful information and for their dissemination.

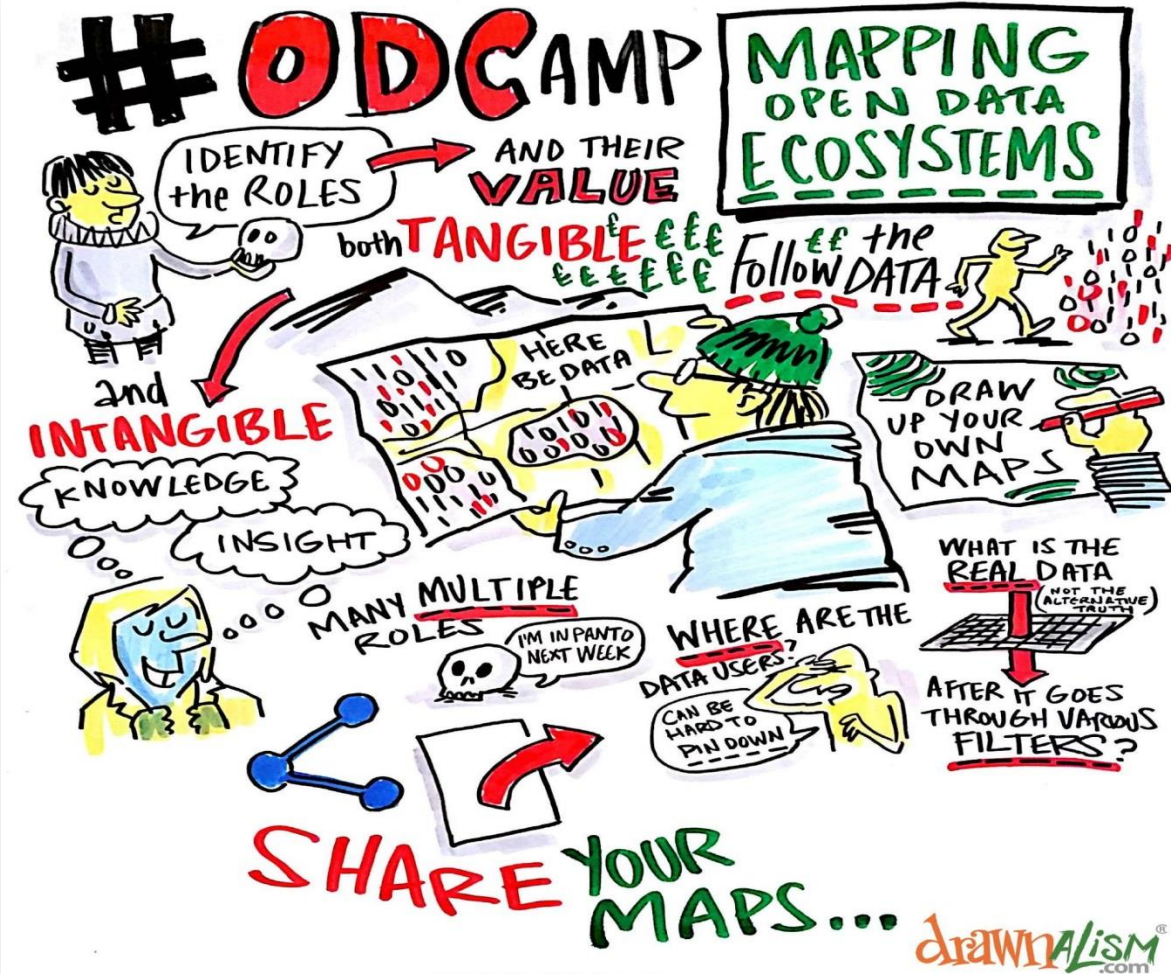
Data Sources

- 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



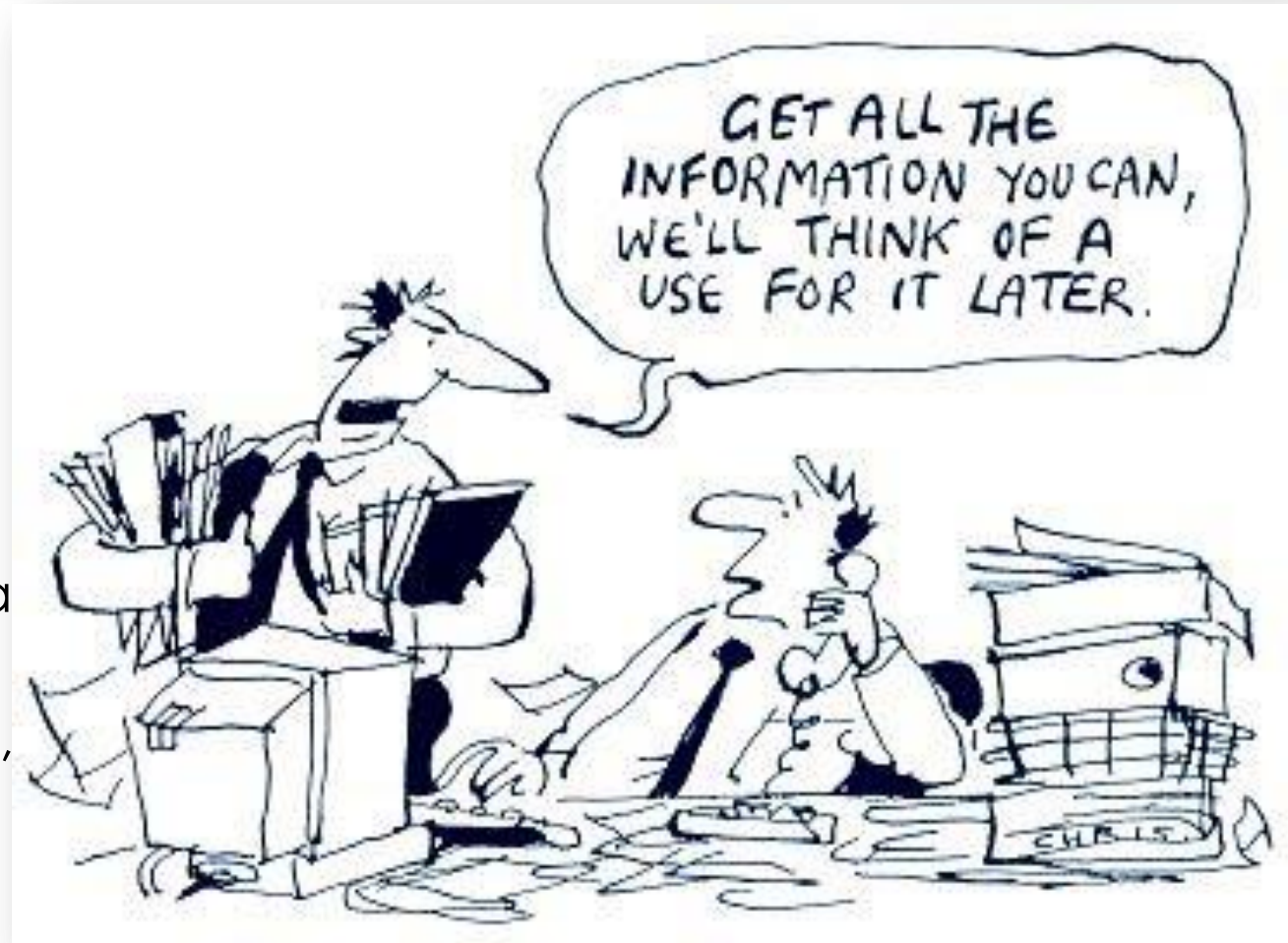
Data Ecosystems

- **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 ...



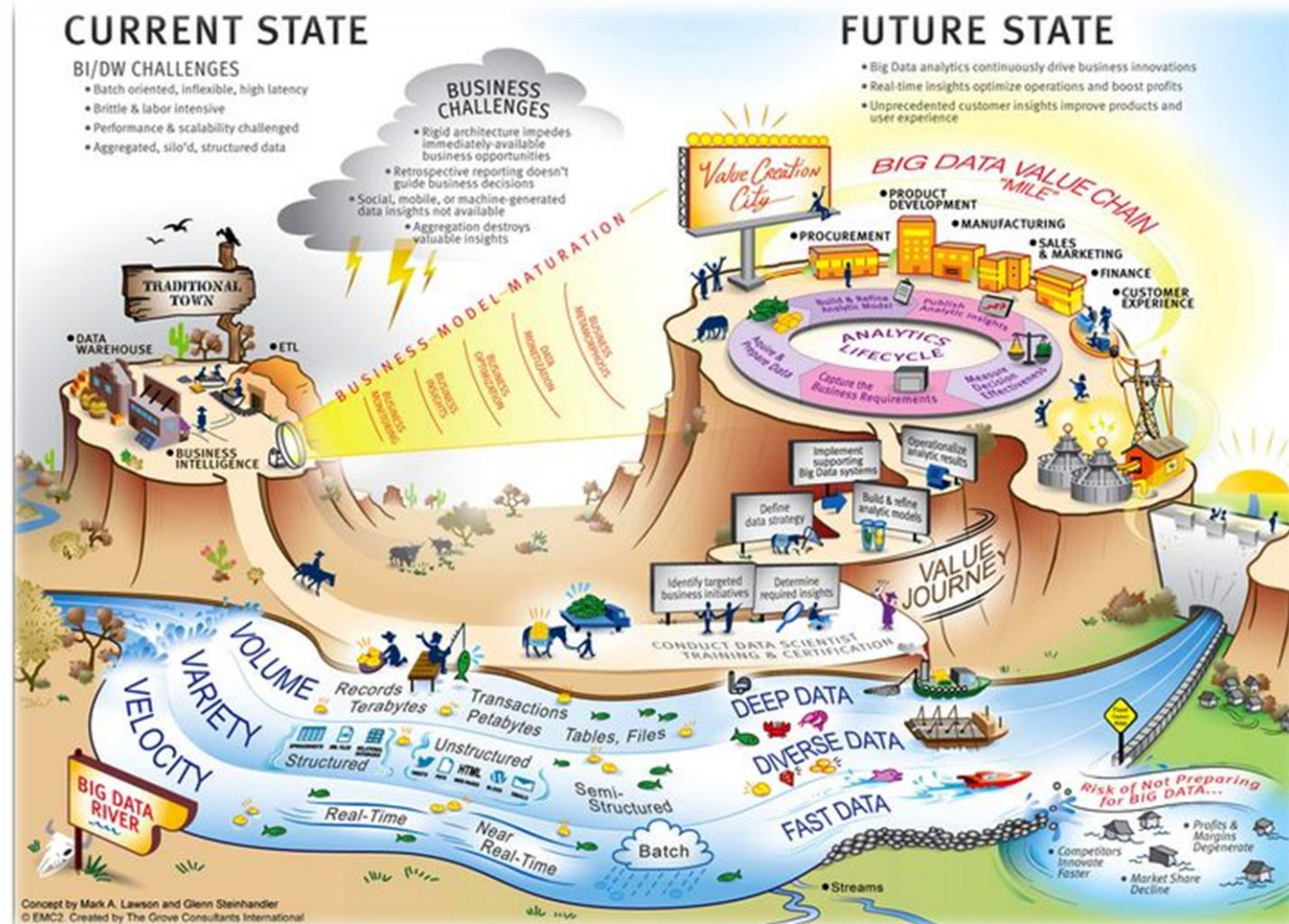
What People Need

- 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.



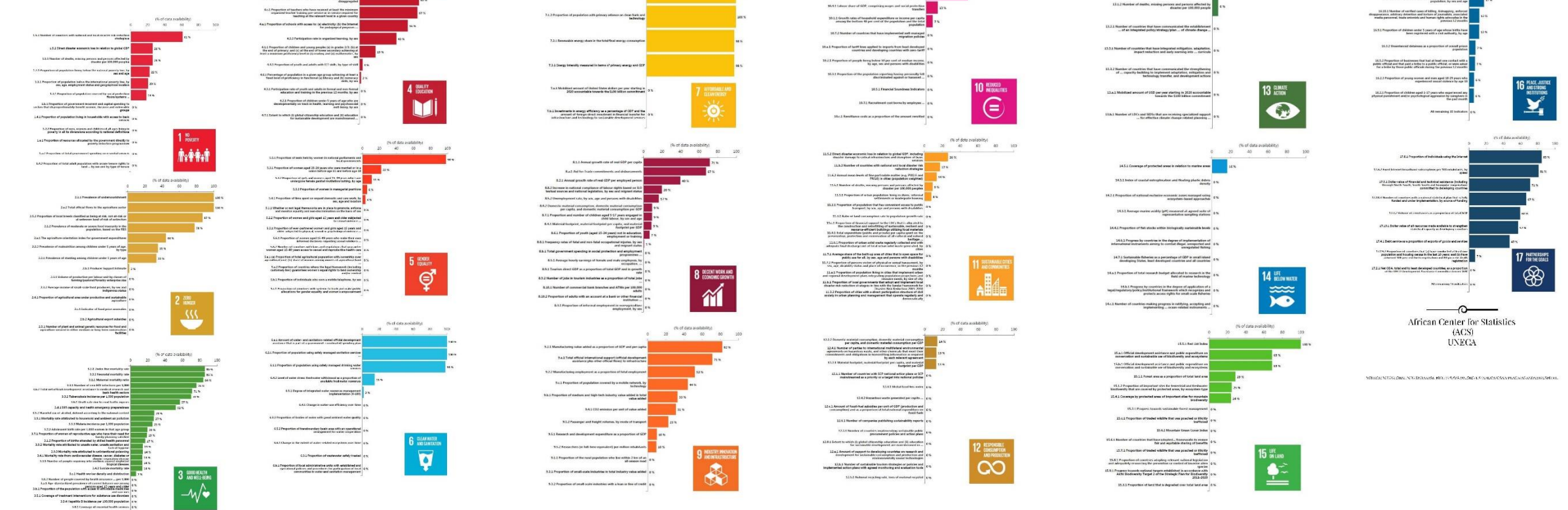
Expanding Data Ecosystems

- 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



Availability of Data for SDGs in Africa

Sustainable Development Goals DATA AVAILABILITY IN AFRICA (2010-2016)



African Center for Statistics
(ACS)
UNECA

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**

Thank You....



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www.uneeca.org

The screenshot shows the homepage of the United Nations Economic Commission for Africa (UNECA). At the top, there is a navigation bar with the UNECA logo and name, and language options for English and Français. Below the navigation bar is a search bar and a main content area. The main content area features a large banner for the African Economic Conference 2014, with the headline "Investing in people-centered innovation and technology essential to Africa's development". To the right of the banner are "MAJOR EVENTS" including the African Economic Conference 2014 and the Conference on Land Policy in Africa. Below the banner is a "RECENT STORIES" section with two articles from November 2014. Further down is a "MAIN AREAS OF WORK" section with icons for Macroeconomic Policy, Social Development, Regional Integration and Trade, Natural Resource Management, Innovation & Technology, Gender, and Governance. At the bottom, there is an "AFRICAN POLICY CENTRES" section listing the African Centre for Statistics, African Institute for Economic Development and Planning (IDEP), Land Policy Initiative, African Minerals Development Centre, African Climate Policy Centre, and African Trade Policy Centre. On the right side of the bottom section is an "ECA DATABANK" with a quote: "What proportion of the total population in Africa use an improved drinking water source?" and a button to "Discover more on the ECA DATABANK".