

Importance of Institutional Cooperation and Governance



**Resilient and Agile
National Statistical Systems**



Global Webinar on Geospatial and Other Data Sources for Environment Statistics

Advantages of sound Governance and Coordination

Coordination: within a system, activities, responsibilities, command and control structures are synchronized, harmonized and, when appropriate, integrated

The **advantages** of a coordinated NSS are the following:

- **Efficiency** and **synergies** of operations by avoiding overlapping efforts, duplication of work and reducing the response burden through data sharing
- **Effectiveness** by addressing demands for statistics in an organized and timely manner through the capability to jointly produce expected outputs
- **Quality, coherence, comparability** and **accessibility** of official statistics within and across statistical domains through the harmonization of methodology, classifications and dissemination channels
- Develop a corporate **identity**, and secure **trust** in Official Statistics (branding)

Definition of official statistics

Definition of Official Statistics:

- Statistics produced in accordance with the Fundamental Principles of Official Statistics by a national statistical office or by another producer of official statistics mandated by the national government or certified by the National Statistical Office

Explanatory Notes:

- Official statistics are produced and disseminated in compliance with the respective national statistical legislation and are identified as such in the national statistical programmes.
- All statistics produced by a national statistical office are assumed to be official aside from those explicitly stated by the national statistical office as not official.

Delineation of the National Statistical System



National Statistical Office (NSO):

- Main producer of Official Statistics
- Professionally independent body
- Coordinates the development, production and dissemination of statistics within the NSS
- Not to be assigned responsibilities or getting instructions conflicting with the Principles

Other Producers of Official Statistics (OPOS):

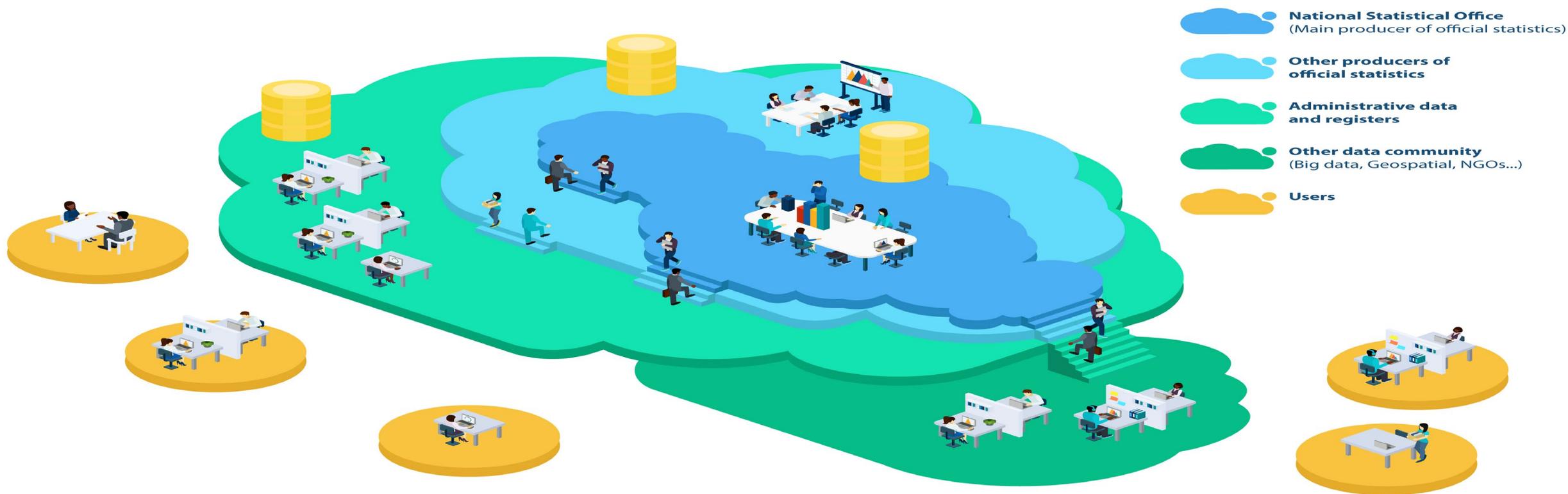
- Operate in compliance with the Statistical Law and adopted standards
- Professionally independent entities within their respective organizations
- Responsible for their assigned activities in the statistical programmes

Administrative data sources and other non-traditional data sources (secondary data sources):

- Secondary data are primarily collected for non-official statistical purposes, in general by a public authority implementing an administrative regulation or a private company for management/commercial purposes
- The authority that supplies the secondary data to producers of official statistics and the unit to which the data relates (observation unit) are different: third-party data

National Statistical System vs Data Ecosystem

The entire network of data collectors, data producers, data analysts and other main data users that directly or indirectly collect, process, disseminate, analyze and/or otherwise consume data and associated services within a specified country or region



Principles and Resolutions for Coordination

- **Principle 8 - UN Fundamental Principles for Official Statistics (UNFPOS):**

Coordination among statistical agencies within countries is essential to achieve consistency and efficiency in the statistical system



- **General Assembly Resolution on the SDG Indicator Framework (A/RES/71/313)**

National statistical offices are the **coordinators** of the NSS, ... all activities of the NSS to be conducted in full adherence to the **Fundamental Principles of Official Statistics**



Coordination instruments within the NSS (and beyond) /1

The Handbook on Management and Organization of National Statistical Systems proposes:

- Coordination through normative and legal frameworks
- Coordination through integrated Statistical Programmes
- Coordination through data acquisition, collection and sharing
- Coordination through methodology, technology and standards
- Coordination through dissemination and communication of official statistics
- Coordination through quality assurance and branding (trust)
- Coordination through Human Resources (training and pooling)
- Coordination through international cooperation and capacity building



National Data Ecosystem

- **Privacy and Data Protection Act**
Governs personal data collected, processed and/or shared by public and private operators
- **Public Information access Act**
Governs the procedure which ensures free access to and right to reuse information held by public authorities
- **Archiving Act**
Rules the procedure for archiving data of national interest
- **Code of Data Ethics**



National Statistical System

- UN Fundamental Principles of Official Statistics ([A/RES/68/261](#))
- UN National Quality Assurance Framework ([UN-NQAF](#))
- Regional Statistics Code of Good Practices
E.g., [LAC](#) and [Africa](#)
- National Statistical Law
E.g., Generic Law for [LAC](#) and [ECE](#)
- International Guidelines, Methodology and Nomenclatures

Thank you for your attention!

For questions and comments:

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