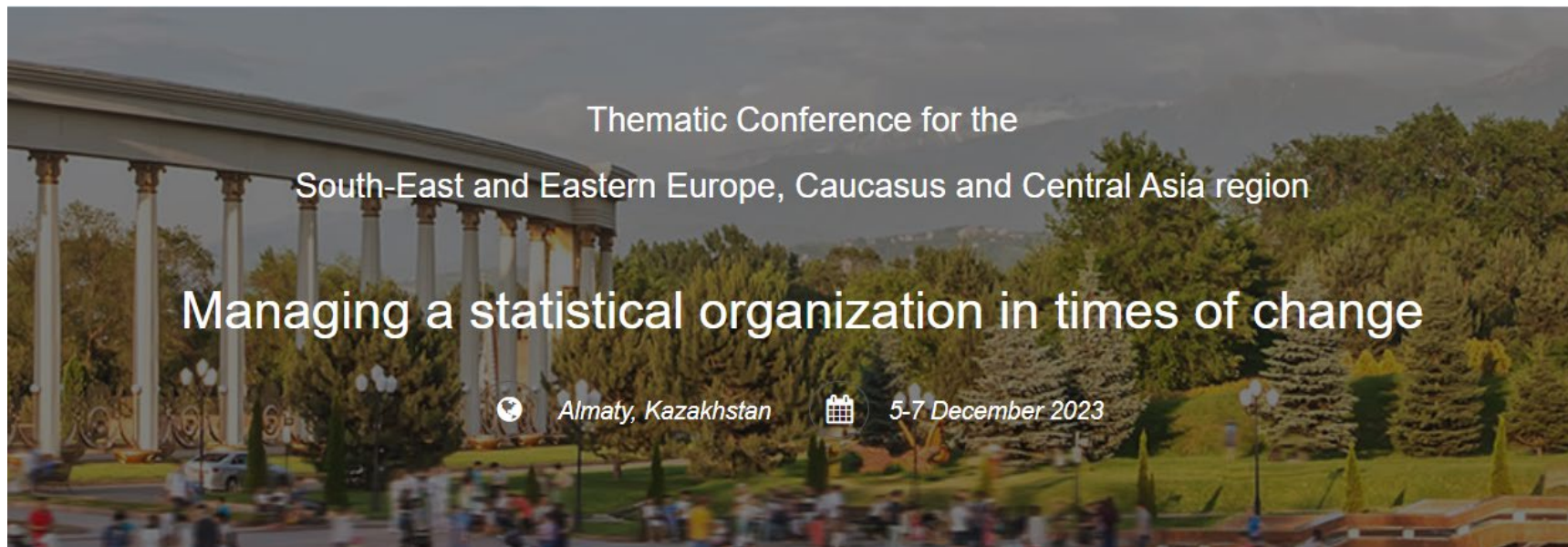


## Governance of the NSS and Beyond



# 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)

# Governance and Coordination of NSS



## **A legal framework shall regulate and establish the following:**

- Delineation of the NSS (producers of official statistics)
- Principles governing the development, production and dissemination of official statistics
- Mandate and authority of the National Chief Statistician/Government Statistician, in general CEO of the NSO
- Statistical Advisory Council or Board representing main user groups within and outside the government and the public sector
- NSS Coordination Committee consisting of the producers of official statistics
- Integrated strategic programmes (multi-annual) and operational programmes (annual) covering the entire NSS

# Other Coordination instruments within the NSS



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## The Handbook on Management and Organization of NSS also proposes:

- Coordination through data acquisition, collection and sharing [MoUs]
- Coordination through methodology, technology and standards
- Coordination through dissemination and communication of official statistics
- Coordination through quality (National Quality Assurance Framework)
- Coordination through international cooperation and capacity building
- Coordination through training and development of statisticians and data specialists and improving data literacy among users and the public at large

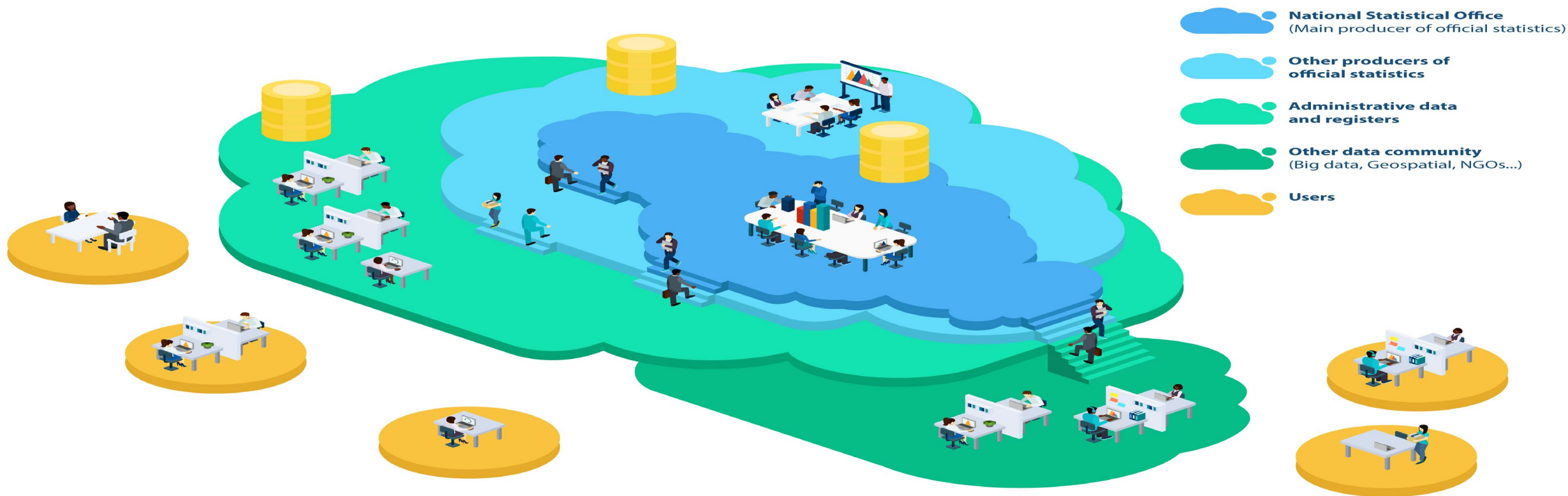


# The NSS and the Data Ecosystem



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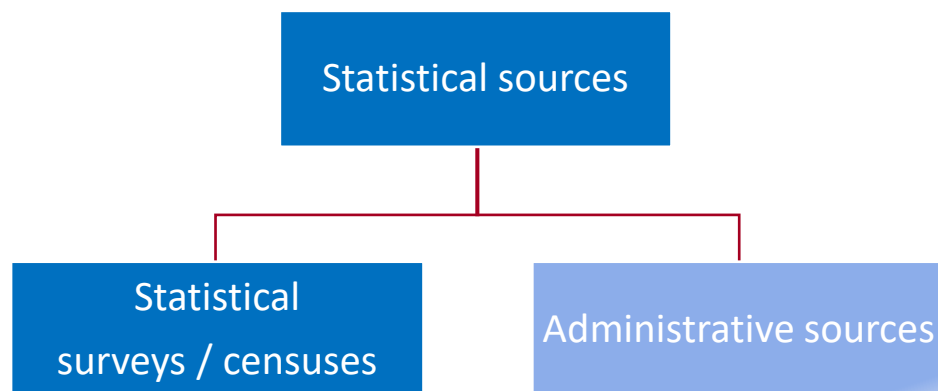
The entire network of data collectors, data producers, data analysts and other data users that directly or indirectly collect, process disseminate, analyze and/or otherwise consume data and associated services within a specified country or region



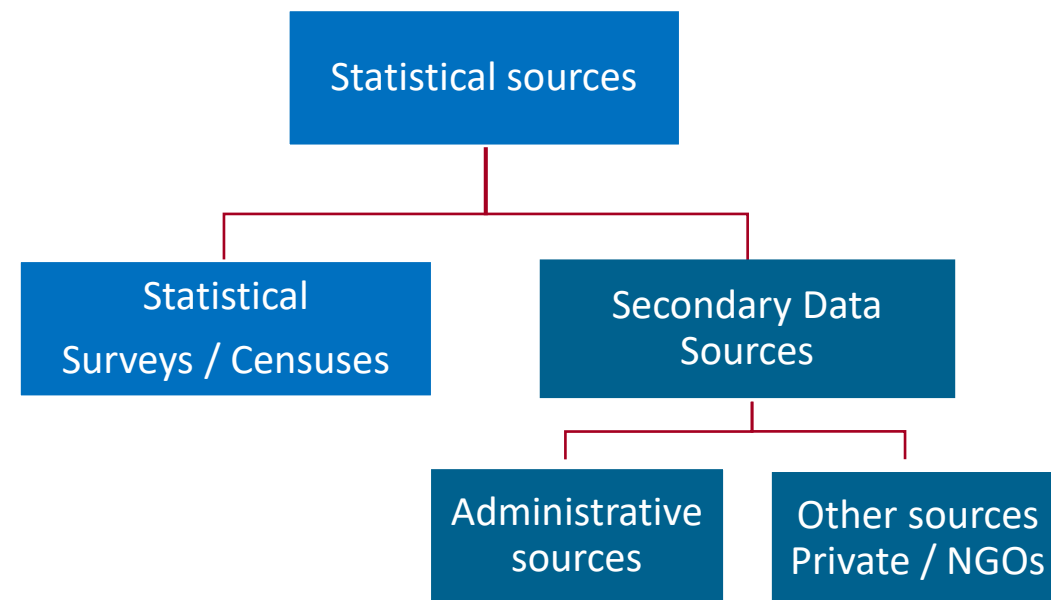
# Traditional and New Data Ecosystem



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**Traditional Data Ecosystem**



**New Data Ecosystem**

# General Assembly Resolutions about Governance



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

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



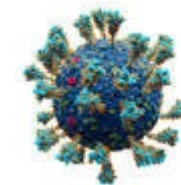
- **General Assembly Resolution on the SDG Indicator Framework**

National Statistics 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**



- **COVID-19: Call of the 75th session of the General Assembly**

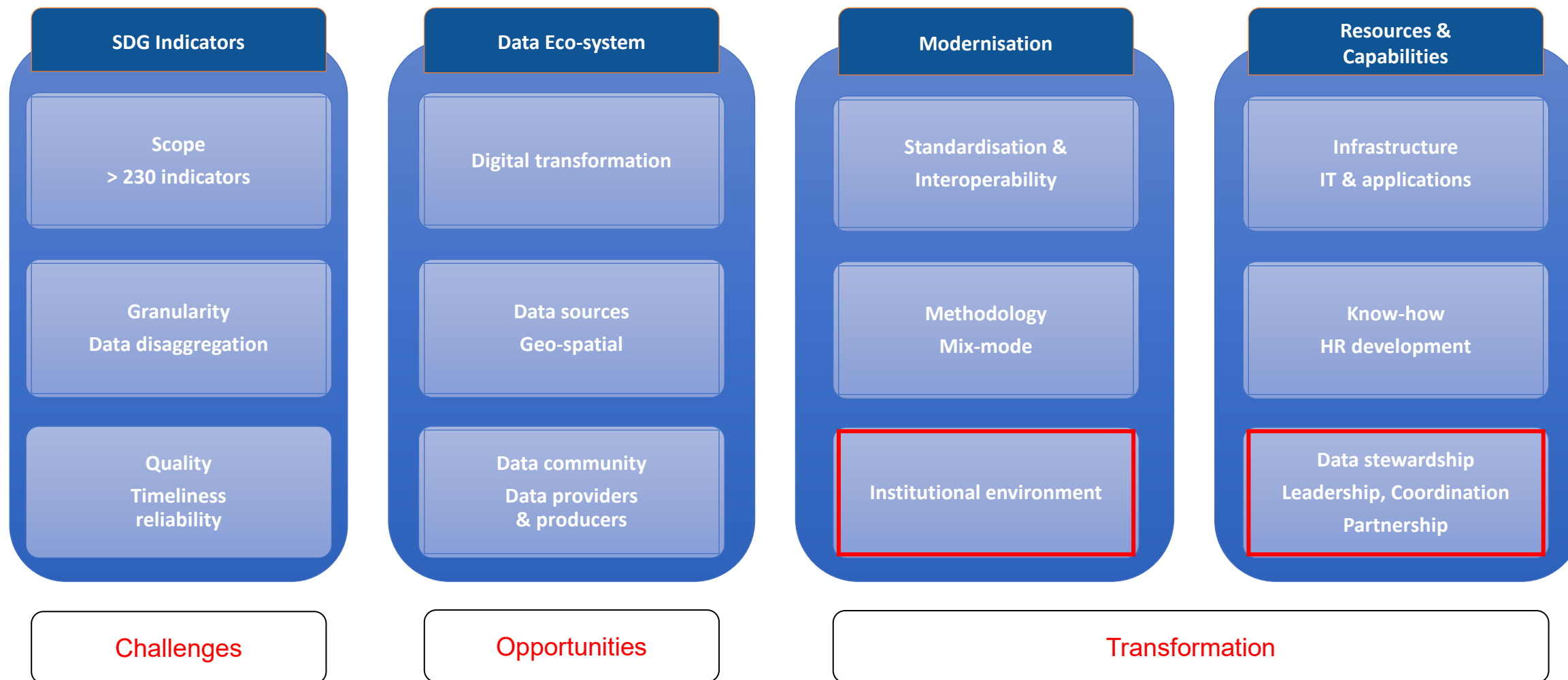
To build inclusive and integrated data and statistical systems under the **leadership of National Statistical Offices** to respond to the increased and urgent data demands in times of disaster



# NSS Challenges and Opportunities



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# Governance of the National Data Ecosystem

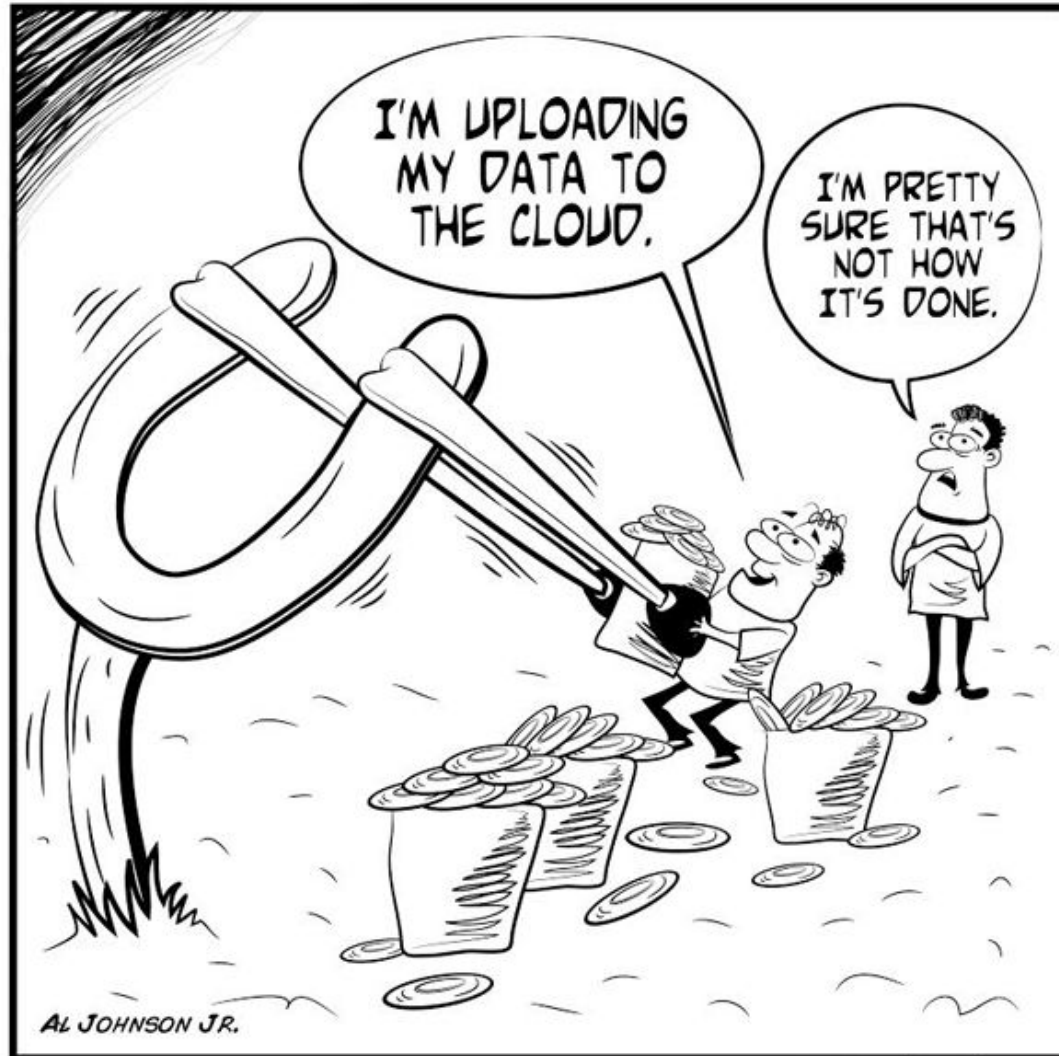


- The National Data Ecosystem encompasses institutions and organizations responsible for collecting, processing, disseminating, analyzing, and consuming data in a country.
- The National Data Ecosystem is **broader** than the NSS.
- **Data Stewardship** is a governance approach that focuses on **servicing the data ecosystem** rather than exerting control.
- Data Stewardship aims to **foster collaboration**, improve data interoperability, enhance production processes, and advance data literacy, technology, and communication across the ecosystem.
- Data stewardship centres on **leadership** initiatives rather than authority.
- As the data steward, the NSO must be acknowledged as the coordinator of the NSS and a trusted **hub of excellence** for data and statistics.

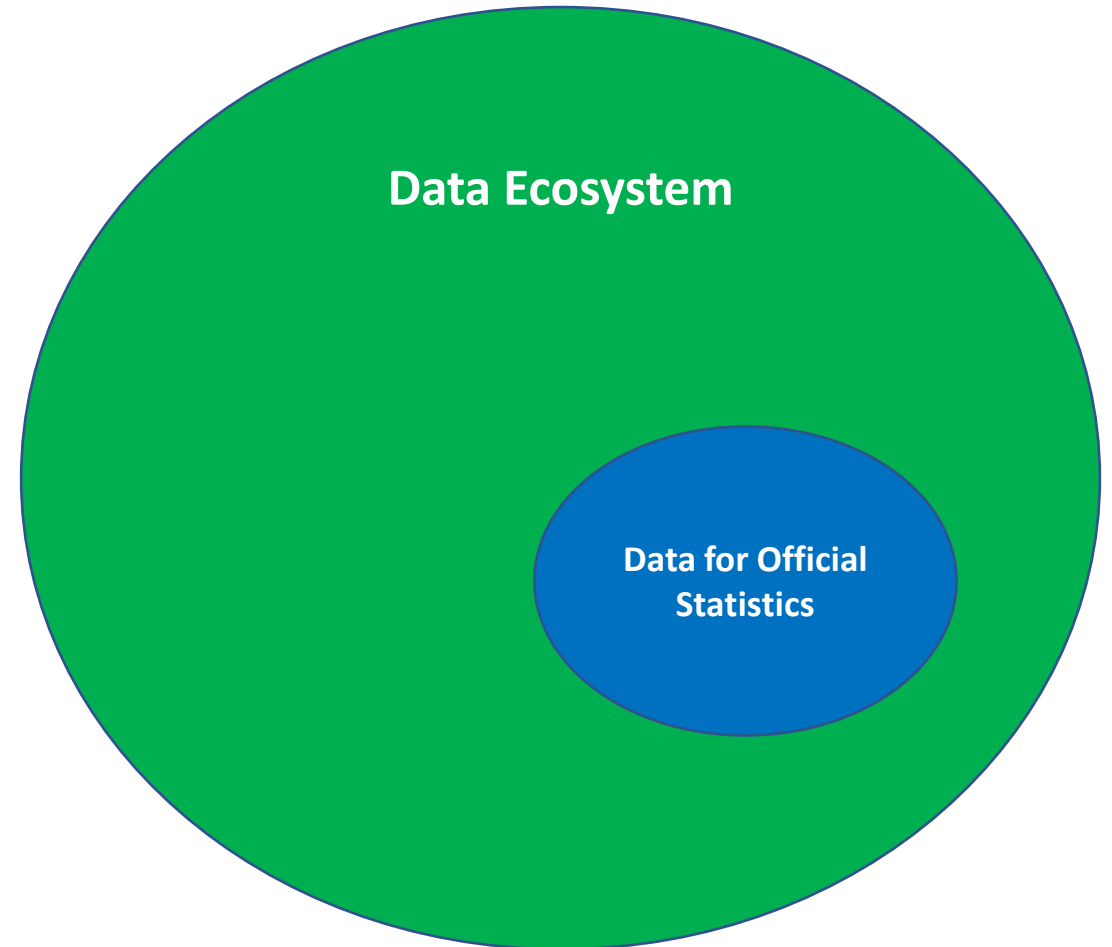
# Data Stewardship and Data for Statistical Purposes /1



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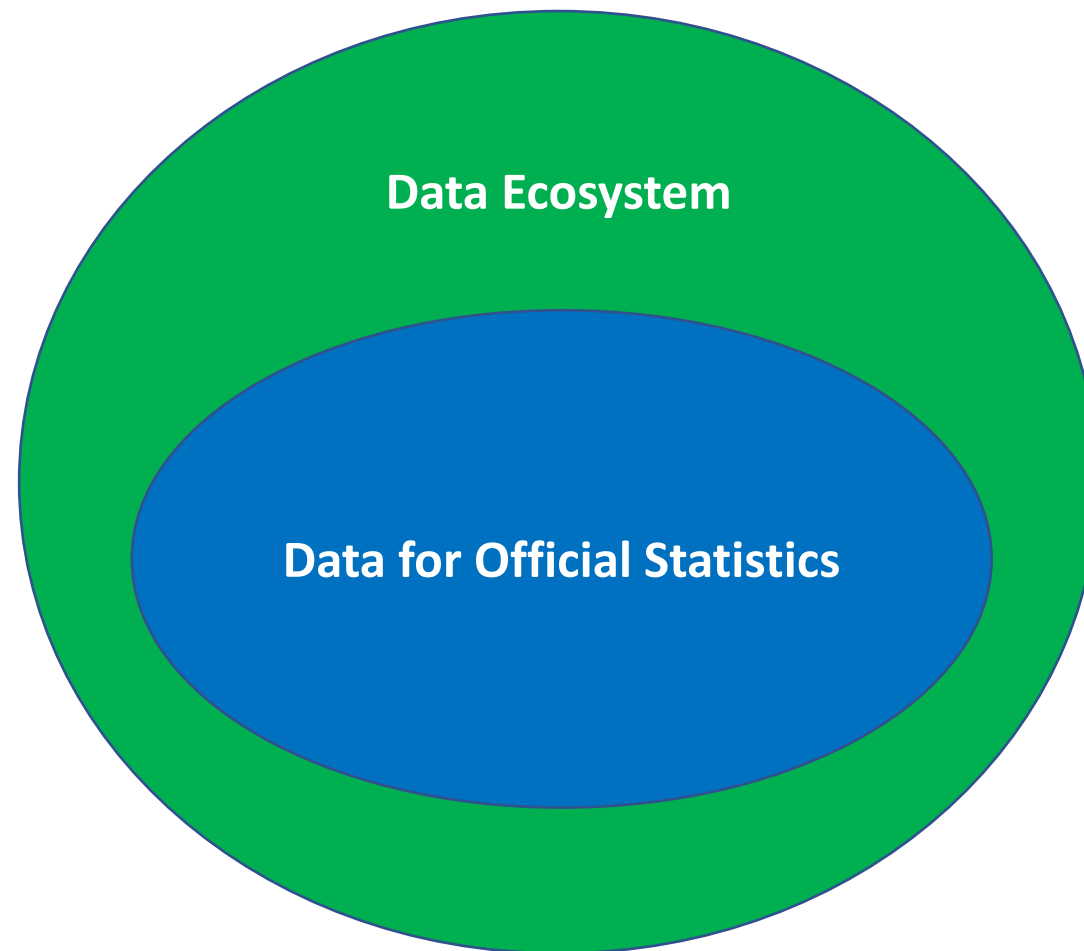
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# Data Stewardship and Data for Statistical Purposes <sup>12</sup>



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# From Authority to Stewardship in Statistical Legislation



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Authority

## National Statistics Office [NSO]

- The Chief Statistician **leads** the National Statistical Office

## Other Producers of Official Statistics [OPOS]

- The Chief Statistician **may issue standards and guidelines** to be applied across the National Statistical System for the development, production, and dissemination of official statistics

## Administrative data/statistics producers (third-party public data)

- If providers of administrative data plan to develop a new data collection or carry out a major revision in their data collection or processing ... they shall **consult** the NSO ...

## Third-Party private data (Big Data ...)

- The Chief Statistician **may promote** the use of standards, terminology, classifications, and technology applied in official statistics among public and private data providers and operators (data ecosystem)

Stewardship

# Impediment to Data Stewardship [within the administration]



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Absence of horizontal  
governance and authority

Lack of data literacy

Lack of adequate digital  
infrastructure to manage  
large volumes of data

Resistance of the  
administration to break silos

# National Data Strategy: The Foundations

## Transforming government's use of data to drive efficiency and improve public services:

- Fitness-for-purpose: the quality of the data is sufficient, available, accessible, interoperable, reusable, resilient ...
- Data skills: developing and maintaining skills across the administration and agencies that are needed to acquire, process and analyse data
- Centralised and/or federated system that allows the deployment of common infrastructure, technology and services
- Data sharing: promote the data exchange and access
- Data Ethics: lawful, secure, fair, ethical, sustainable and accountable

# Revitalizing Statistical Legislation



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## Legislative response:

- Strengthening Governance, transparency, and trust in the National Statistical System and beyond
- Securing access to administrative records and registers at the micro-level, including identifiers
- Engaging with users and data communities (data ecosystem)
- Leveraging Innovative Data Sources for Enhanced Statistical Production
- Expanding provisions on statistical confidentiality and data protection



## National Data Ecosystem

Privacy and Data Protection Commissioner / Officer

- 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
- Data Ethics



## National Statistical System

Chief Statistician

- UN Fundamental Principles of Official Statistics ([A/RES/68/261](#))
- UN National Quality Assurance Framework ([UN-NQAF](#))
- Regional Statistics Code of Good Practices
- National Legal Framework and/or national code of practices
- Other Guidelines, Methodology and Technology applying to the NSS and **promoted beyond the NSS**



# Thank you for your attention!



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For questions and comments:

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**SUSTAINABLE DEVELOPMENT GOALS**  
17 GOALS TO TRANSFORM OUR WORLD

