

Importance of Institutional Cooperation and Governance



**Resilient and Agile
National Statistical Systems**



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)

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

GA Resolution on the SDG Indicator Framework (A/RES/71/313)



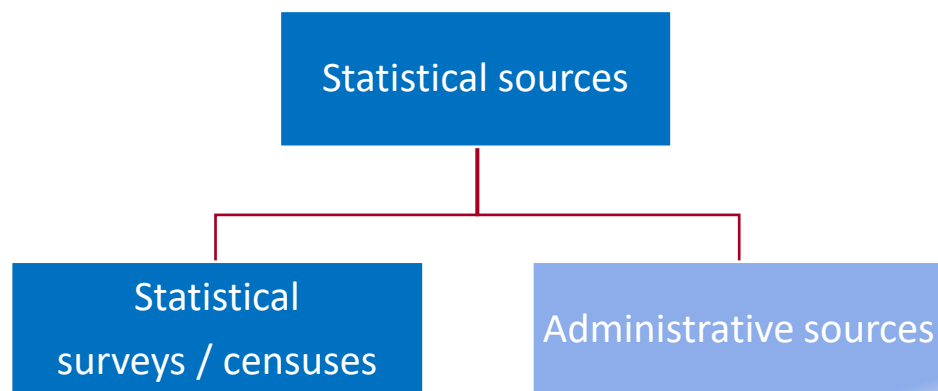
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- **Official statistics** and data from national statistical systems (NSS) are the **basis for the SDG indicator framework**
- All activities of the NSS to be conducted in full adherence to the **Fundamental Principles of Official Statistics**
- **National statistical offices are the coordinators of the NSS**
- NSS to explore ways to **integrate new data sources** to satisfy new data needs of the 2030 Agenda for Sustainable Development
- Acknowledge the **Cape Town Global Action Plan** for Sustainable Development Data that promotes and supports the transformation of national statistical systems

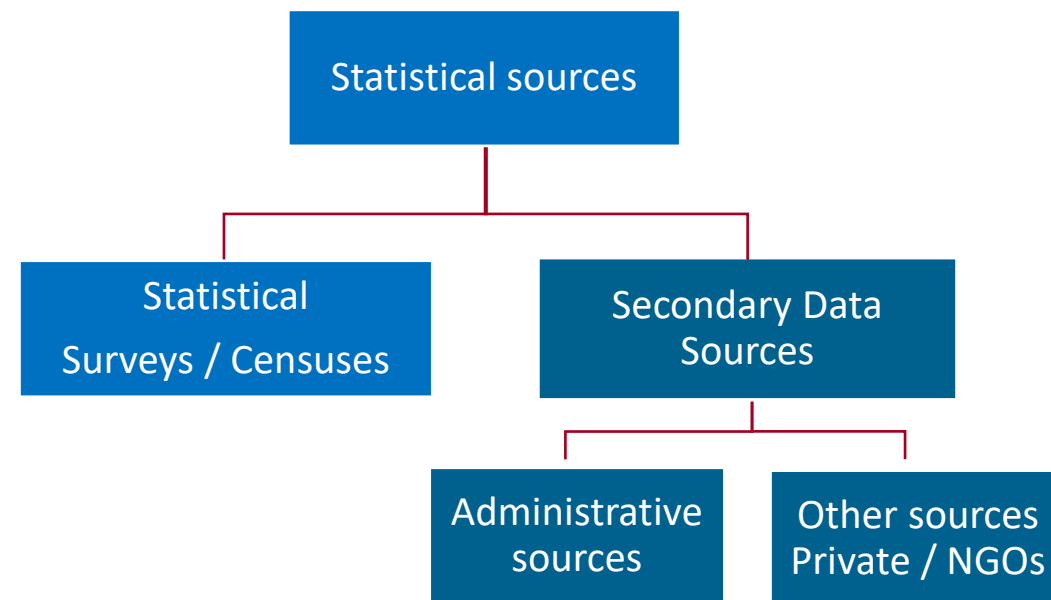
Traditional and New Data Ecosystem



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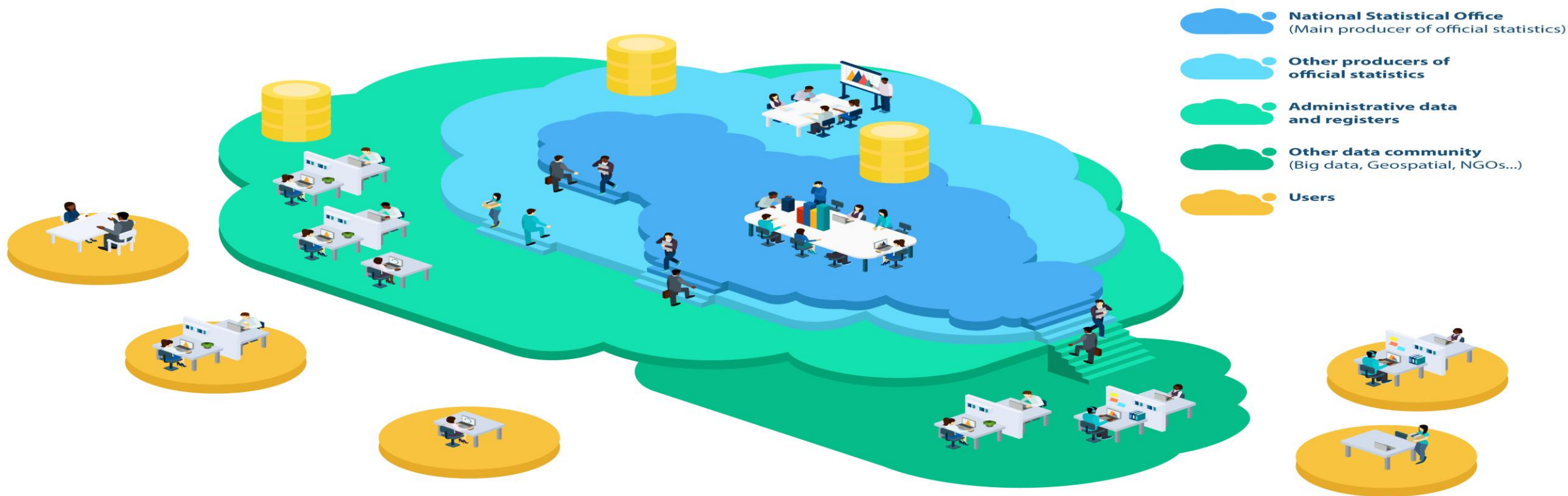
Traditional Data Ecosystem



New Data Ecosystem

National Statistical System vs Data Ecosystem

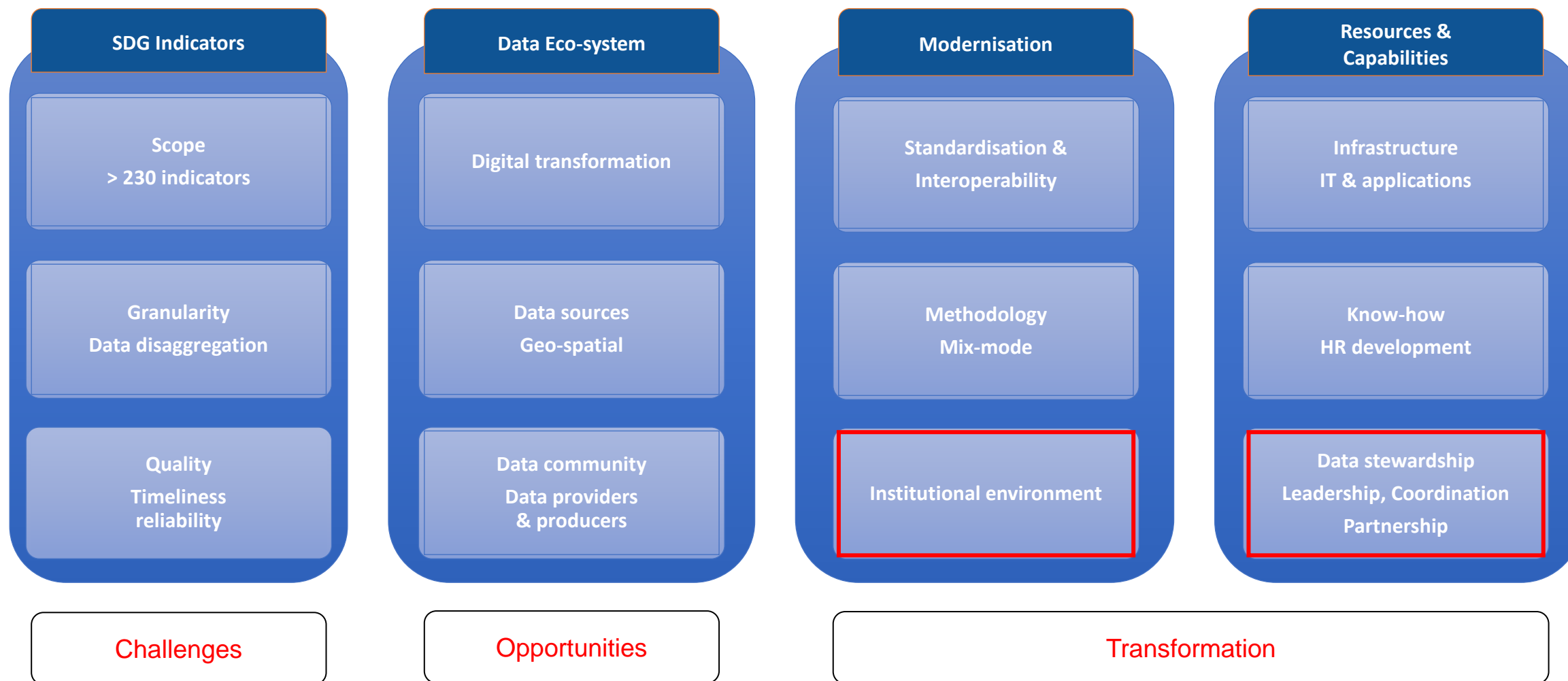
The entire network of data collectors, data producers, data analysts and other main data users that directly or indirectly collect, process, disseminate, analyze and/or otherwise consume data and associated services within a specified country or region



NSS Challenges and Opportunities



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Data Stewardship is an approach to Data Governance that is accountable for enabling the development, processing, storage, and fitness-for-purpose of data in the interest of the entire data ecosystem or a smaller constituency thereof

- Data Stewardship is in general operating **in service of**, rather than in control of the data ecosystem
- Data Stewardship is not about getting/transferring ownership on data from custodian organizations, but rather sharing and collaboratively improving across the data ecosystem governance, data interoperability and production processes, know-how and technology, literacy and communication
- Data Stewardship, if embedded in the mandate of the Chief Statistician should ultimately honour citizens' entitlement to public information

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

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 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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