

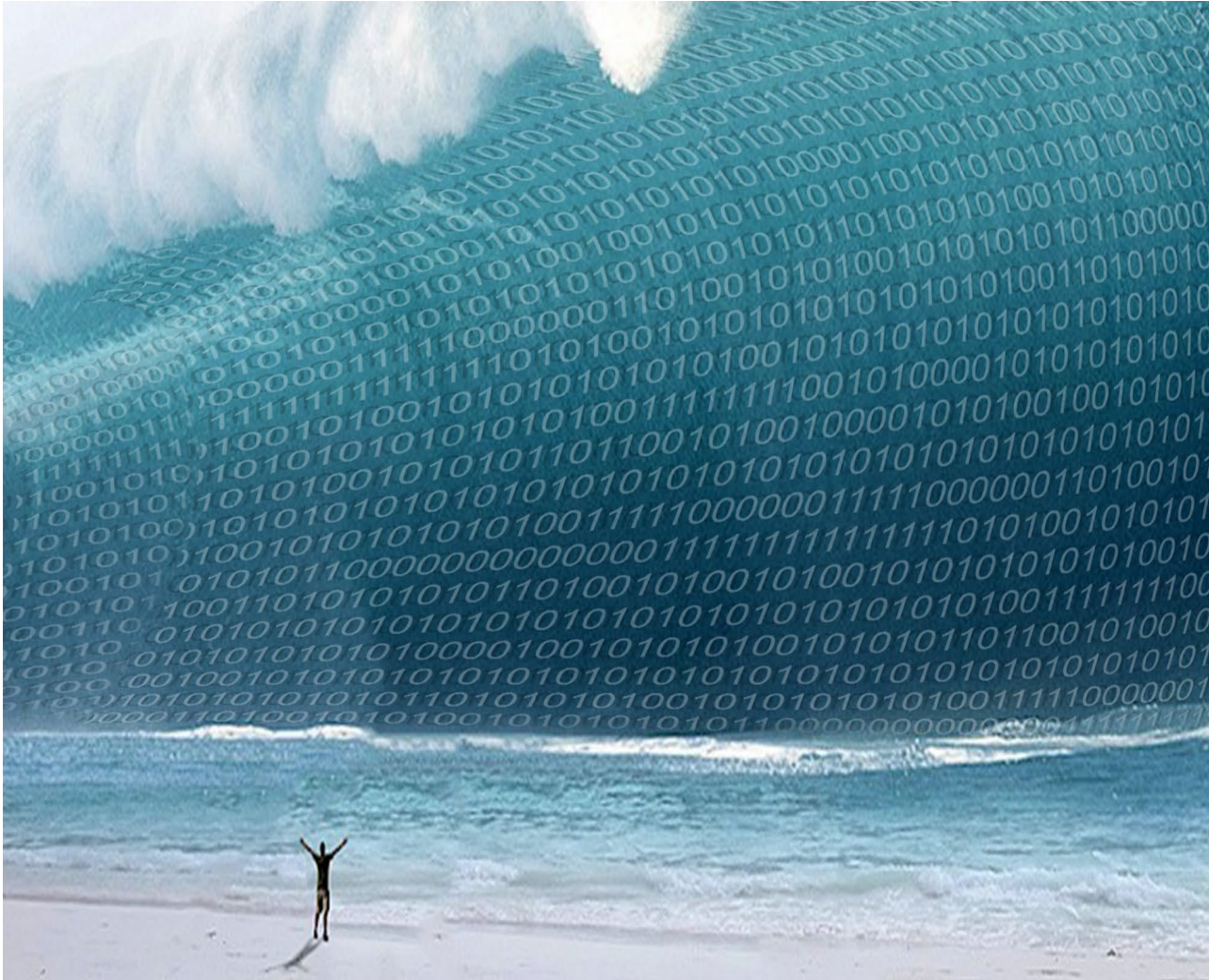
# Sound Institutional and Organizational Frameworks for Official Statistics

*Chapters III – IV – V of the next edition of the Handbook of Statistical Organization*

**Asian Thematic Conference :**  
**Managing a Statistical Organization in Times of Change**

12 - 14 February 20209 – ADB Headquarters, Manila, Philippines

# Data – Statistics - Knowledge

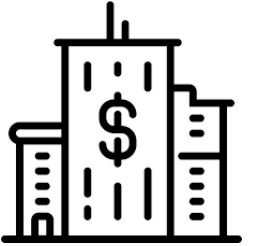


- **90% of the data** in the world today has been **created in the last two years**
- But data is **raw information** that does **not speak** to most of us
- **Statistics** convert raw data into **knowledge**

# From Data Sources to Users



high voltage



# Chapter III – Basis of Official Statistics

**Chapter III provides a common basis for understanding what should be covered by the designation of official statistics:**

- Introduction
- UN Fundamental Principles of Official Statistics
- Other ethical principles and standards (e.g. Regional Code of Good Practices)
- Legislative frameworks

# Value of Official Statistics



- **UN Fundamental Principles of Official Statistics** ([A/RES/68/261](#))



- *Regional Statistics Code of Good Practices*



- **National** Statistical regulatory and organizational Frameworks



- Statistics **Quality Assurance** Framework

# UN Fundamental Principles of Official Statistics

adopted by the General Assembly in 2014 (A/RES/68/261)

- Principle 1 Relevance and impartiality of and equal access to official statistics
- Principle 2 Professional standards, principles and ethics of official statistics
- Principle 3 Accountability and transparency of official statistics
- Principle 4 Prevention of misuse of official statistics
- Principle 5 Sources of official statistics
- Principle 6 Confidentiality of official statistics
- Principle 7 Legislation concerning of official statistics
- Principle 8 National coordination of official statistics
- Principle 9 Use of international standards
- Principle 10 International cooperation in statistics

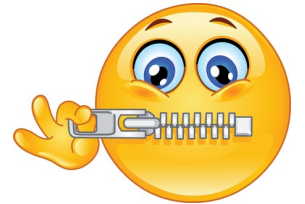


# GA Resolution on the SDG Indicator Framework (A/RES/71/313)

- **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 coordinator 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

# Mandate for Data Collection and Confidentiality

- Data for the production of official statistics may be drawn from **all type of sources**, be they statistical surveys (primary sources) or other sources (secondary sources)
- Producers of Official Statistics choose the data sources based on professional considerations and in particular with regard to **quality, costs and the burden on respondents**
- Producers of Official Statistics have the **sole responsibility for deciding on the methods and procedures for the collection, processing and storage of data sources**
- Individual data/micro-data from natural and legal persons held by Producers of Official Statistics are to be **strictly confidential and used exclusively for statistical purposes**
- **The principle of confidentiality applies to all data sources**, be they statistical surveys (primary sources) or secondary data sources (e.g. administrative records, big data).





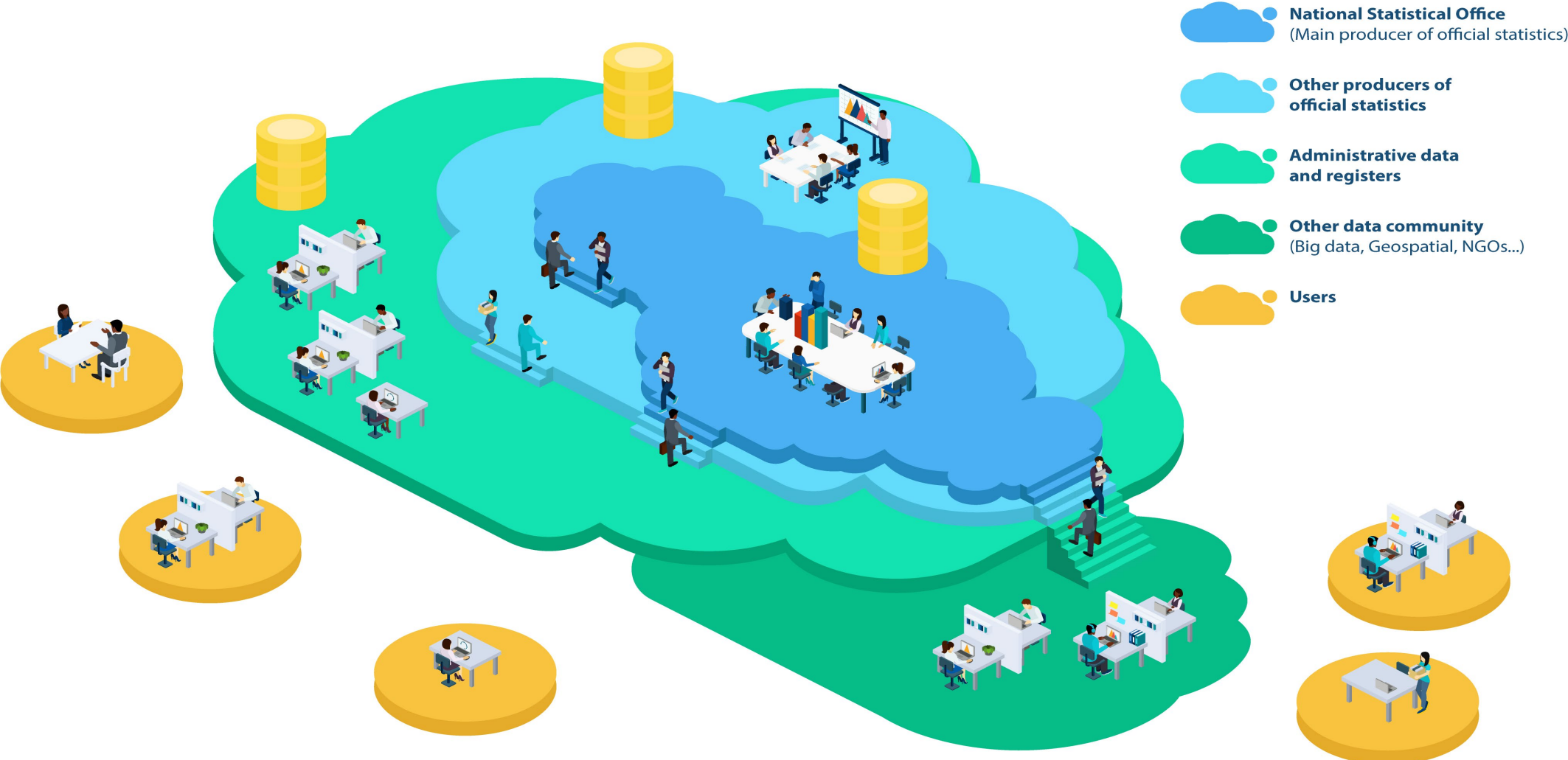
# Chapter IV – National Statistical System [NSS]

**Chapter IV provides a description of the national statistical system and its governance, programmatic and coordination mechanisms and tools:**

- A. Introduction
- B. Structure of the NSS
- C. Models of NSSs
- D. Coordination of the NSS
- E. National Statistical Council / Executive Board
- F. Multiannual (e.g. NSDS) and annual planning and priority setting
- G. Branding Official Statistics
- H. Financing the NSS

**Chapter IV was identified by the Organizing Committee as high-priority for Africa**

# National Statistical System [NSS] and other producers/providers of data



# National Statistical System or Producers of Official Statistics

## National Statistical Office:

- 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, records and statistics 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

# Coordination instruments across the NSS and beyond

- **National statistical programmes cover the entire NSS**, including development, production and dissemination activities related to the SDG indicators
- National statistical programmes **to be used for the budget appropriation**
- The programmes to be submitted by the Chief Statistician to the Government / Executive Board for **approval**

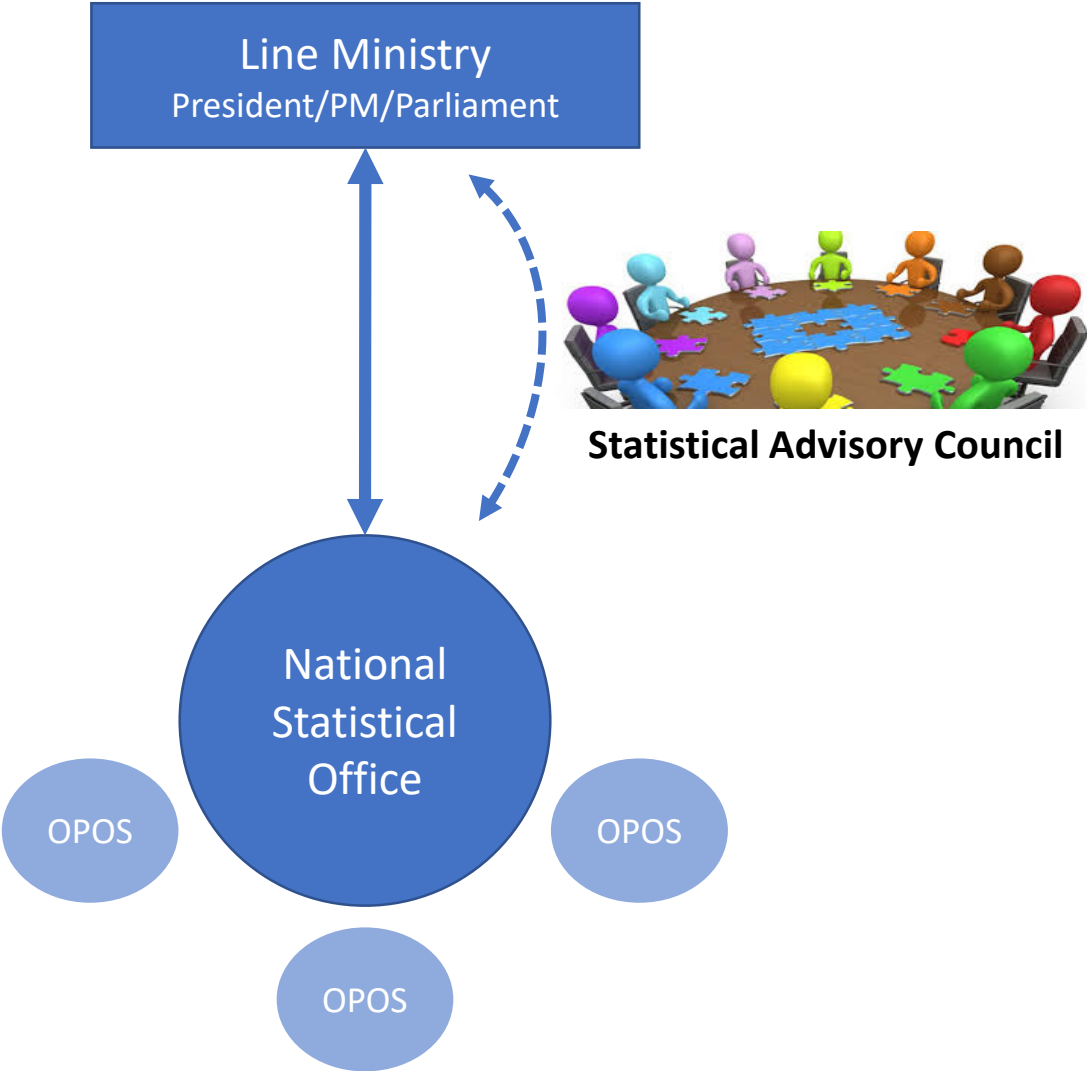
## **Multiannual statistical programme:**

- Master plan, NSDS
- Strategic development of NSS
- Vision and priorities

## **Annual statistical programme / Work Programme:**

- Annual operational translation of multiannual programme
- List of producers of official statistics and their respective deliveries
- List of major surveys, and other data sources (administrative), registers

# Governance of the NSS Main Models discussed in the next edition of the Handbook



# Chapter V – National Statistical Office [NSO]

## Chapter V covers the key features of an NSO:

- A. Introduction
- B. Vision and goals of the NSO
- C. NSO as an organization
- D. Statistical Business Architecture
- E. Governance and leadership
- F. Capability
  - Planning and development
  - Implementation
  - Monitoring

**Capability means the ability to combine capacities or production factors - tangible and intangible – to perform or achieve certain actions/outcome**

# Chief Statistician

- **Highest Statistical Authority** and often the executive manager of the NSO
- **Mandate cannot be terminated** for any reasons compromising the implementation of the Law and the Principles
- **Fosters and monitors the compliance of all producers of official statistics** with the Law and the Principles
- **Issues standards and guidelines for the entire NSS** on the development, production and dissemination of official statistics
- **Promotes the use of official statistical standards and classifications beyond the NSS** (e.g. admin. data and Big Data through partnerships and dialogue)



# Statistical Business Architecture: GAMSO and GSBPM

Strategy and Leadership

Capability Development

Corporate Support

GSBPM – Generic Statistical Business Process Model

Specify needs

Design

Build

Collect

Process

Analyze

Disseminate

Evaluate

Institutional and Organizational Frameworks



# Questions to be addressed in the breakout session

- What are the main **incentives** for strengthening the institutional and organizational frameworks of your respective NSSs?
- What role might **coordination** play in strengthening the institutional and organizational frameworks of national statistical systems in general? How important might it be in your respective NSSs?
- What **challenges and deterrents** have you faced/do you expect to face in improving the institutional and organizational frameworks of your respective NSSs?
- Have you identified in your group some **success stories** new initiatives or best practices related to adapting the NSS framework in response to challenges discussed in Session 1? Please explain shortly.
- What kind of **support is missing** from bilateral and multilateral partners in that respect?
- What is **missing** from the discussion on this session that should be covered **in the Handbook**?

# Questions and comments

- Publicly available drafts of the Handbook on Statistical Organization can be found at: <https://unstats.un.org/wiki/display/HSO/Handbook+Statistical+Organization>
- Please provide inputs to: [statistics-handbook@un.org](mailto:statistics-handbook@un.org)

## Gabriel Gamez | Inter-regional Adviser

Organisation and management of NSS | Statistics Division

Department of Economic and Social Affairs | United Nations

2 UN Plaza | Room DC2-1404 | New York, NY 10017, USA

Email: [gamezg@un.org](mailto:gamezg@un.org) | Tel: +1-917-367-5443 | Cell: +1-646-944-3735

