

Implementation of Fundamental Principles from the perspective of Latin America and the Caribbean

Instructions: Click on the link to access each author's presentation.

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Diego Aboal: Application of FPOS in Uruguay

Mercedes González: Modernization of the NSS in Cuba: treatment of other statistics producers

Xavier Mancero: The FPOS and the Statistical Conference of the Americas

Miosotis Mercelia Rivas Peña: Application of FPOS in Dominican Republic

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MEXICO CONFERENCE

Technical Standard for Quality Certification of Statistical Operations

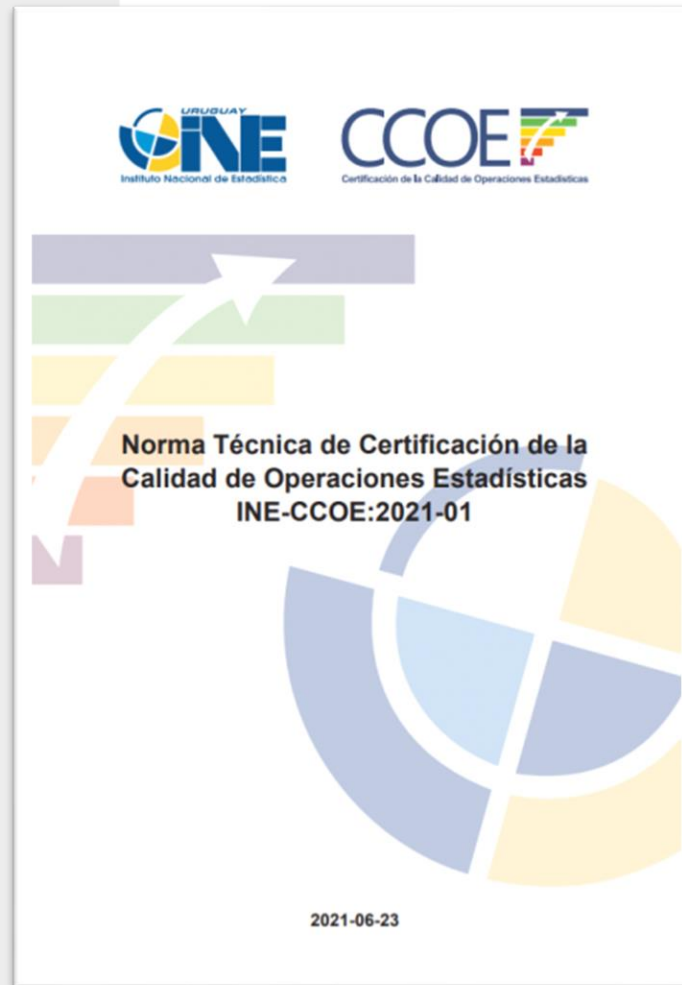


CCOE

Quality Certification of Statistical Operations



INE- CCOE:2021-01



Technical Standard for Quality Certification of Statistical Operations **INE-CCOE:2021-01**.

- Compiled in June 2021.
- Establishes the guidelines and requirements for the quality assessment of statistical operations.
- Covers all type of statistical operations.
- Focused on statistical products

Based on:

- Manuals on Evaluation and Quality Management of Eurostat Statistics.
- INE Spain and Statistic Canada evaluation system.
- Experience from other NSOs (Colombia, Ecuador, South Africa).
- ISO 9001 and CMMI (Capability Maturity Model Integration)
- GSBPM Model (Generic Statistical Business Process Model) of UNECE

Role of INE

The NSI as the governing body of the National Statistical System (NSS) manages and monitors the quality certification of all statistical operations of the system at each stage.

Periodic review
and upgrading of
the standard

Training and
monitoring of
auditing teams

Assessment of
audit team
performance

Awarding of
Quality
Certification

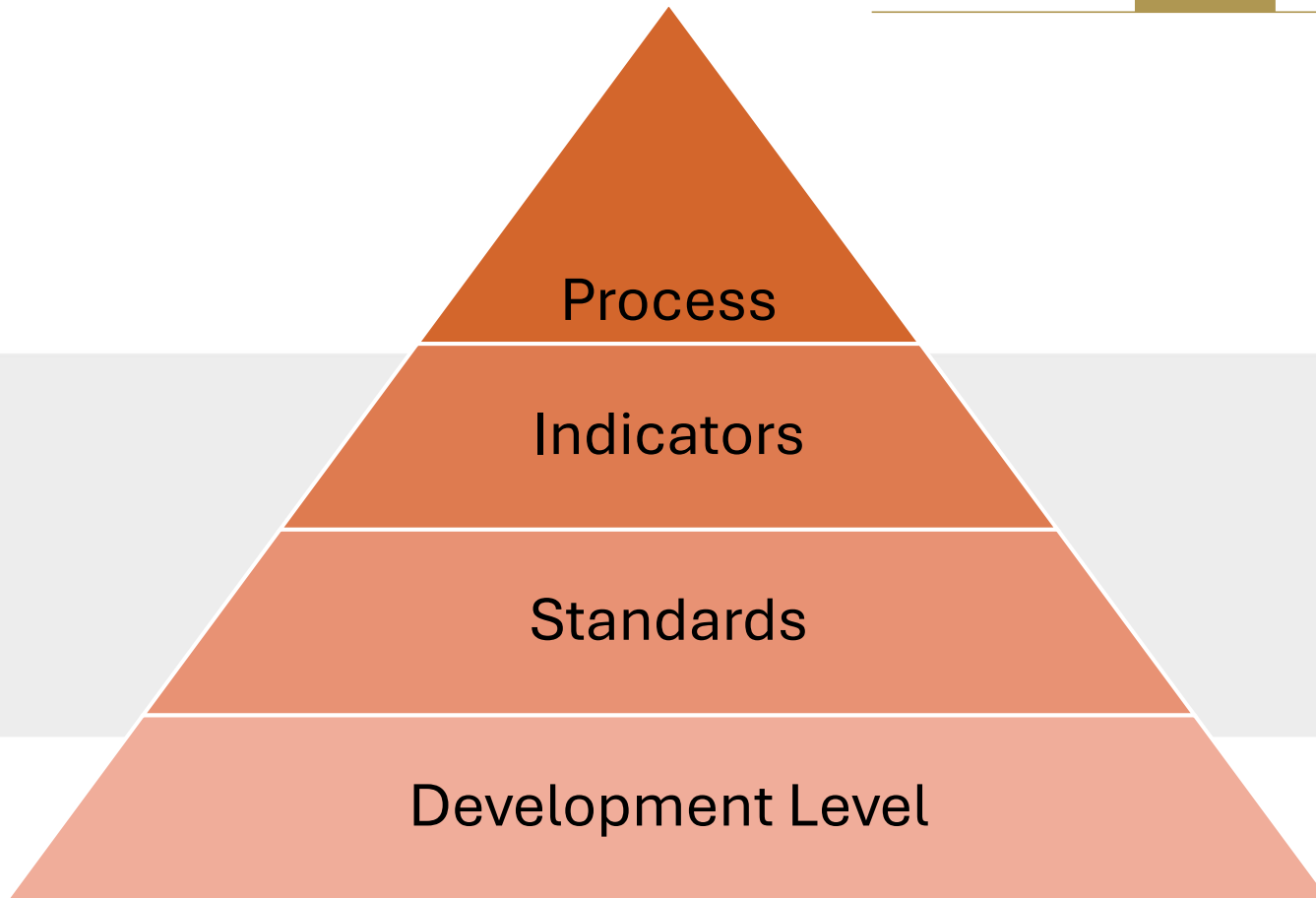


Quality dimensions

The quality of statistical operations is measured through the following dimensions:

- Relevance
- Accuracy
- Opportunity and punctuality
- Accesibility and transparency
- Comparability
- Coherence
- Institutional Capabilty (added by INEUy)

Quality level determination



- Processes audited by indicators.
- Each indicator associated to standards.
- For each standard there are four development levels.
- Each development level is clearly described

Global quality levels

This technical standard establishes a set of indicators for each dimension of quality, which are measured through indicators. The degree of compliance with these indicators determines the development level.



Excellence

Complies with quality requirements and has a continuous improvement system



High Quality of P&P

Complies with product and process quality requirements



High Quality

Complies with quality requirements for products or processes



Medium Quality

Exceeds some of the minimum requirements but does not fulfill all of them



Low Quality

Complies with the minimum requirements to be a statistical operation



Quality Inadequate

Not comply with the minimum requirements to be a statistical operation.



Characteristics of the tool

Clear and established
criteria



2
Standardised scores
according to type of
statistical operation



More transparency and
efficiency in audits and
certification



4
Peer-to-peer auditing



No expert committee
required



Benefits

- Lower implementation budget (no expert committee)
- Auditor training
- Peer certification
 - **NSI Paraguay** started certification process with **NSI Uruguay**
 - **Ministry of Tourism of Uruguay**
- Certification to agencies of the National Statistical System
 - **Ministry of Home Affairs of Uruguay**
(Violence and Crime Observatory)



Thank you

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TITLE: OTHER PRODUCERS OF OFFICIAL STATISTICS AS PART OF THE MODERNIZATION OF THE NATIONAL STATISTICAL SYSTEM IN CUBA



Eng. Mercedes González Guilarte
First Vice Chief of the National Statistic and Information Office
from Cuba



Legal Framework

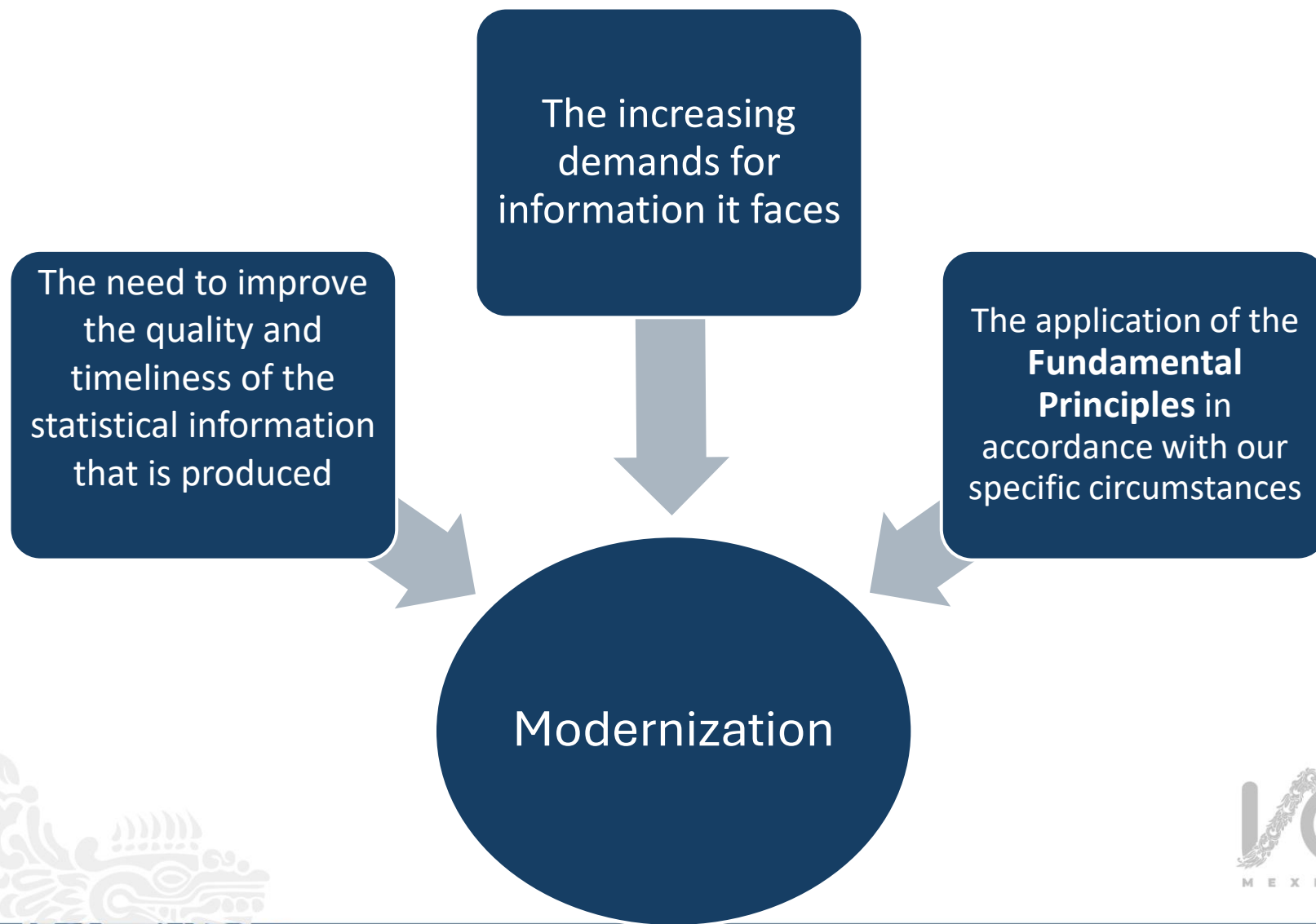
THE CONSTITUTION OF THE REPUBLIC OF CUBA, establishes the right of all people to request and receive truthful, objective and timely information from the State, in accordance with established regulations.

Decree-Law 6 of 2020 Of the Government Information System

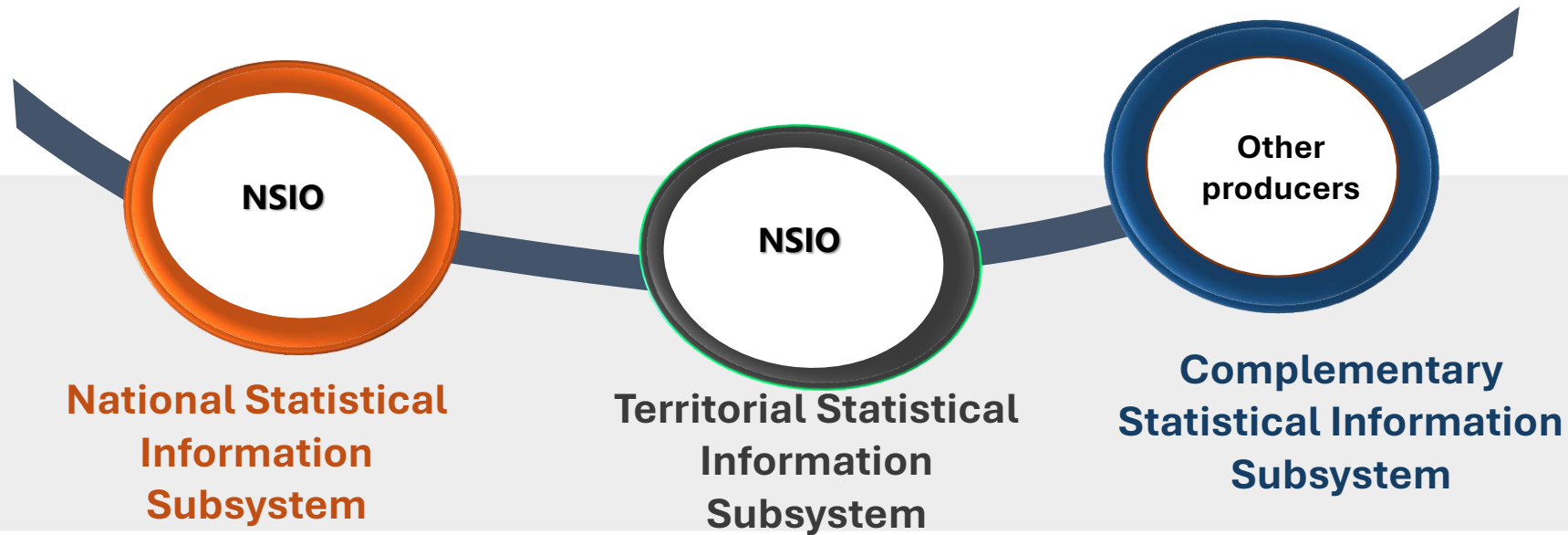
The programmatic documents that support the transformations of the Cuban Economic and Social Model

Development Strategy of the NSS 2021-2025

NATIONAL STATISTICAL SYSTEM



NATIONAL STATISTICAL SYSTEM



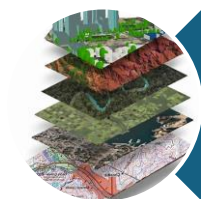
Main limitations of the Other producers:



Excessive requests to data providers, and limited statistical products for users.



Lengthy statistical processes due to limited use of imputation methods to complete processes.



Limitations on Statistical Operations by Administrative Register and other sources.



Difficulties with the technical staff engaged in statistical production.



GENERAL MODEL FOR THE MANAGEMENT OF THE STATISTICAL PROCESS OF OTHER PRODUCERS

Requirements of Official Statistics. New Measurements.
 User requirements. Economic-Social Model. NESDP 2030 (PNDES)
 SDG- 2030.

PLAN

- Statistical Law.
- Propose new organizational structure.
- Implement Generic Model.

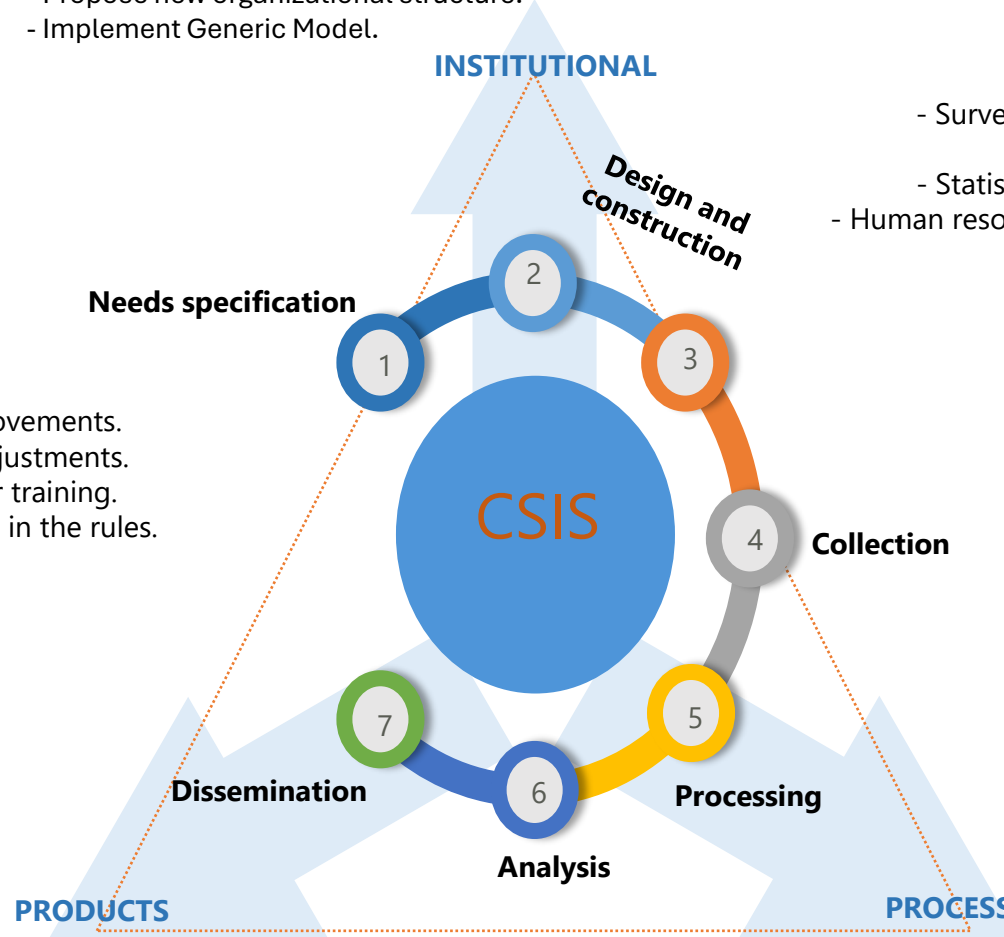
DO

- Survey of statistical operations.
- Statistical domains.
- Human resources training program.

- Identify improvements.
- Procedure adjustments.
- New areas for training.
- Modifications in the rules.

ACT

- Supervision of Other Producers, Information Audits with a process approach.



CHECK

Quality statistical productions.
 Other better prepared NSS producers.
 User satisfaction.

GENERAL MODEL FOR THE MANAGEMENT OF THE STATISTICAL PROCESS OF OTHER PRODUCERS

Requirements:



- Establishing a process approach.



- Ensure a digital environment, promoting computerization, as conditions allow.



- Adoption and implementation of the Generic Model of the Statistical Process (GSBPM), with a regular and stable frequency.

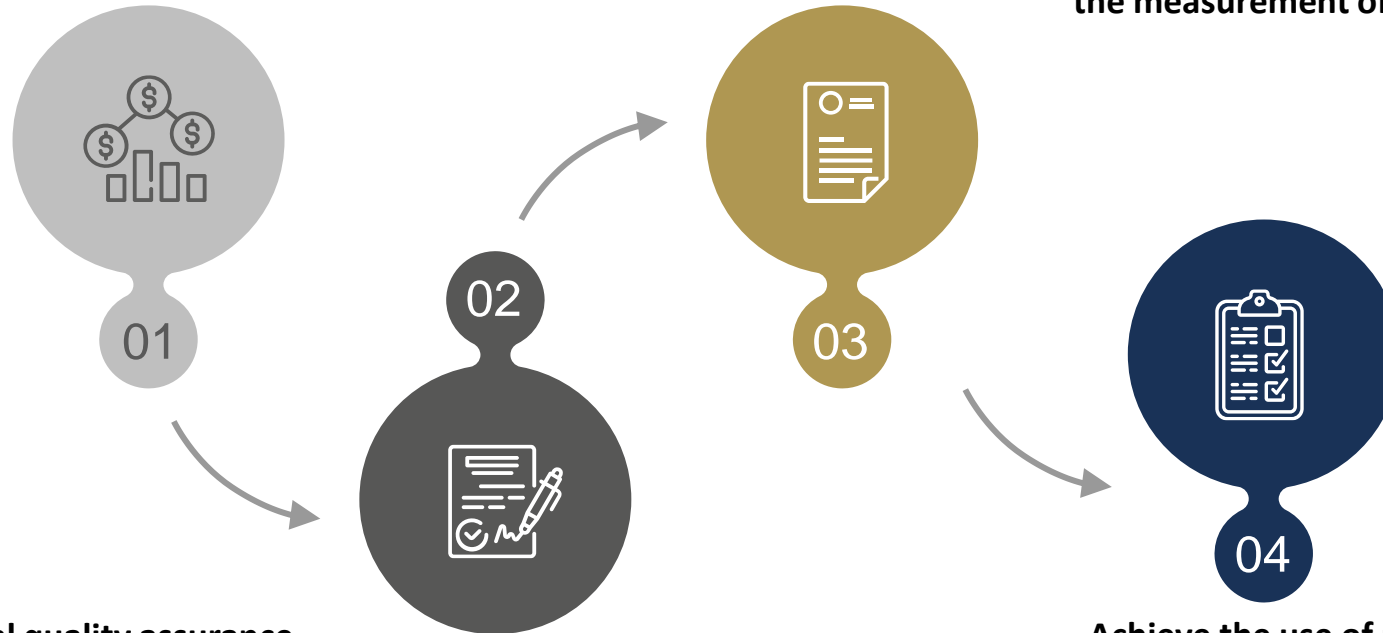


- As an additional novelty, it is subject to supreme audit actions, the NEIO has the function of carrying out audits of information as an integral part of the national audit system (Law 158/2022 of the Comptroller General of the Republic of Cuba and the System of Superior Control of the Funds and Administrative Management).



CHALLENGES

Modernize processes based on the adoption of the Generic Model of the statistical process in the short and medium term.



Implement the national quality assurance framework for all members.

Advance the work of the main investigations. Change of the base year, population and agricultural censuses and the measurement of demographic dynamics.

Achieve the use of new data sources, such as geospatial information, and integrate statistical and geographic information.



Thank you





The role of the Statistical Conference of the Americas of ECLAC in promoting the FPOS in Latin America and the Caribbean

Xavier Mancero
Statistics Division, UN-ECLAC



Introduction

- The Statistical Conference of the Americas has become the main regional platform for addressing common statistical challenges and promoting the development of official statistics.
- Most cooperation activities are conducted through working groups. Several WGs have addressed the aspect of “institutional strengthening” of NSOs and NSSs.
- As a result, the SCA has produced and endorsed instruments that contribute to the implementation of the FPOS.



SCA instruments that promote FPOS

Generic law on
official statistics
for LA (2019)

Regional code of
good practice in
Statistics for LAC
(2011 & 2023)
&
Peer-review
mechanism

Guide for the
implementation
of quality
assurance
framework (2021)

WG on Data stewardship
(2023)

Declaration on access and
use of other sources
(2015)

Declaration on access to
private data (2023)

Generic Law on Official Statistics for Latin America

- Regional model for countries interested in developing or reformulating the legal basis for the production of official statistics.
 - Adaptation of the Generic Law on Official Statistics for Eastern Europe, Caucasus and Central Asia, UNECE (2016)
- Defines official statistics and the principles and procedures for their production and dissemination.
- Defines rights and obligations of the bodies that make up the National Statistical System.
- National Statistical Office (NSO) as the principal authority of the National Statistical System and as a professionally independent body.



GLOS-LA: Key issues

- NSO
 - Defined as a professionally and technically independent body.
 - Responsible for coordinating all activities for the development, production and dissemination of official statistics within the NSS.
- Director of NSO
 - Appointment process; duration; criteria for selection.
- Statistical council
 - Composed of different categories of users.
- Coordination of the NSS
 - Committee, multi-year program, annual program.
- Establishes the rights and obligations of the informants and regulates the access of the producers of official statistics to the various data sources.

Regional Code of Good Practice in Statistics (RCGPS)

- The Code is a technical and regulatory instrument that is based on the FPOS and helps to make them operational.
- The first Code was endorsed by the SCA in 2011.
- An updated code was endorsed in 2023.
- The update aimed at:
 - respond to changes in the data ecosystem (use of secondary data sources)
 - align with GLOS-LA, UNQAF and its guide for implementation.
- The code contains 18 principles, corresponding to three areas: institutional environment and coordination, statistical process, statistical production.



RCGPS and FPOS

FPOS	RCGPS Principles
1. Relevance, impartiality and equal access	7 Impartiality, objectivity and transparency
2. Professional standards and ethics	1 Professional independence 6 Quality commitment
3. Accountability and transparency	9 Sound methodology 18 Accessibility and clarity
4. Prevention of misuse	7 Impartiality, objectivity and transparency
5. Sources of official statistics	11 Non-excessive burden on respondents 12 Cost-effectiveness 13 Use of secondary data sources

FPOS	RCGPS Principles
6. Confidentiality	4 Statistical confidentiality
7. Legislation	3 Statistical mandate for data collection
8. National coordination	2 Coordination of the national statistical system
9. Use of international standards	9 Sound methodology 10 Appropriate statistical procedures 14 Relevance 15 Accuracy and reliability 16 Timeliness and punctuality 17 Coherence and comparability
10. International cooperation	8 International cooperation and participation

Source: Working group presentation at XII SCA. https://cea.cepal.org/12/sites/cea12/files/presentations/cea12_codigo-buenas-practicas-actualizacion_colombia-dane.pdf

RCGPS: peer-review mechanism

- A regional peer-review mechanism was implemented for the evaluation of the RCGPS between 2012 and 2014.
 - 8 countries participated in the evaluations
 - 20 countries completed a self-evaluation questionnaire (2013 and 2017)
- Currently, a SCA working group is developing a new peer-review mechanism:
 - Evaluate compliance with the RCGPS
 - Support improvement plans
 - Promote collaborative exchanges for continuous improvement among countries of the region.
- Next steps: Piloting in 2 countries in 2024. Final scheme by 2025 (to be endorsed by the SCA in its XIII Meeting)

Guide for the implementation of a quality assurance framework

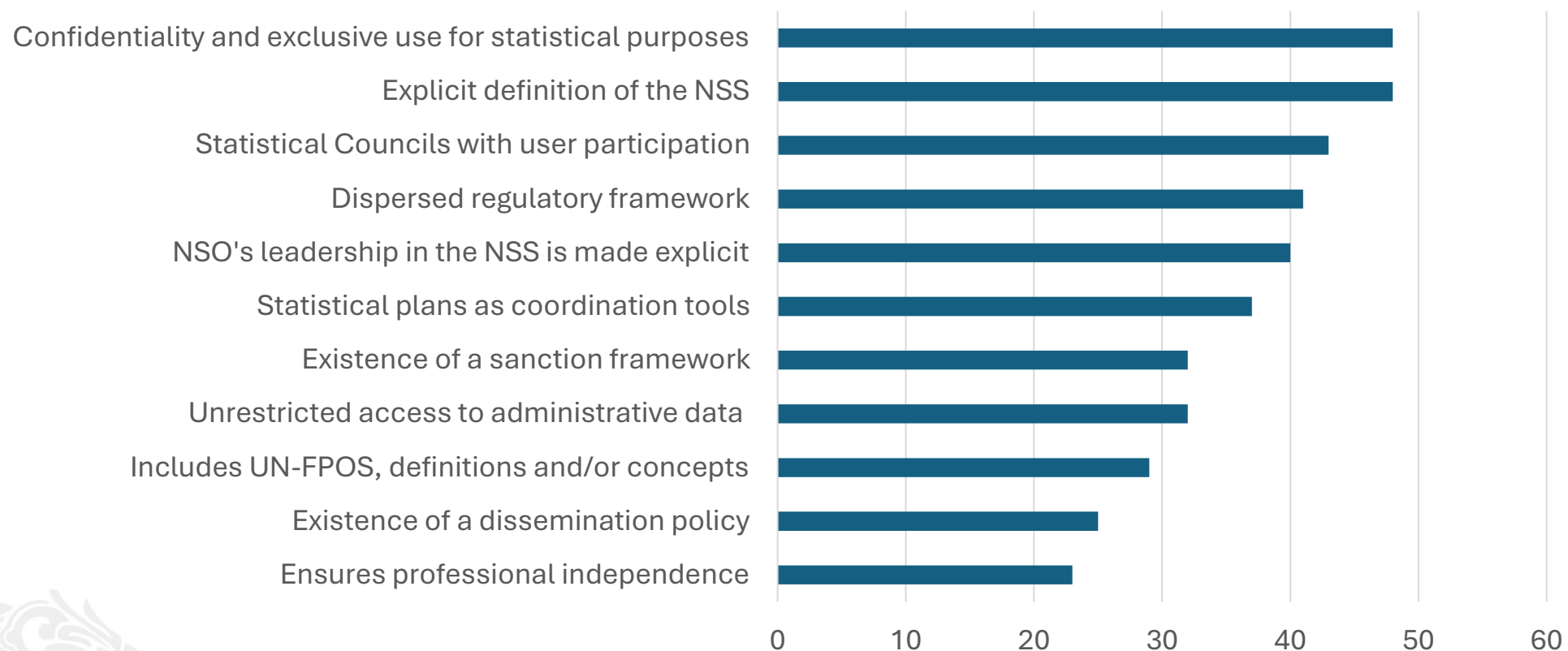
- Guide to the adoption, adaptation and application in the region of the UN National Quality Assurance Frameworks Manual for Official Statistics (2019).
- Aims at bringing the UNQAF (2019) closer to the experience of LAC region, with particular focus on managing statistical processes and outputs.
- Four chapters:
 - Context of quality assurance: Summarizes UN-NQAF, concept of quality and its application in the data ecosystem.
 - Actions to strengthen statistical quality
 - Best practices in the region
 - Considerations for implementing a quality framework
- Accompanied with a self-assessment checklist (in Excel). This questionnaire is the starting point for the self-evaluation stage in the new peer-review mechanism.

Progress and challenges in LAC region

- Two publications evaluated national statistical legislations prior to the FPOS-LAC:
 - Clark, Zaror & Mejia (2019), “Marcos Legales Estadísticos de América Latina: Realidades, mejores prácticas y recomendaciones”, IADB
 - Bleeker and Abdulkadri (2020), “A review of Caribbean national statistical legislation in relation to the United Nations Fundamental Principles of Official Statistics”, ECLAC
- Areas with the greatest weaknesses:
 - assurance of professional independence
 - the existence of concepts of the FPOS in the law
 - access to administrative records
 - existence of a sanctioning framework

Latin America (18 countries): Compliance of statistical legislation with respect to international guidelines, 2019

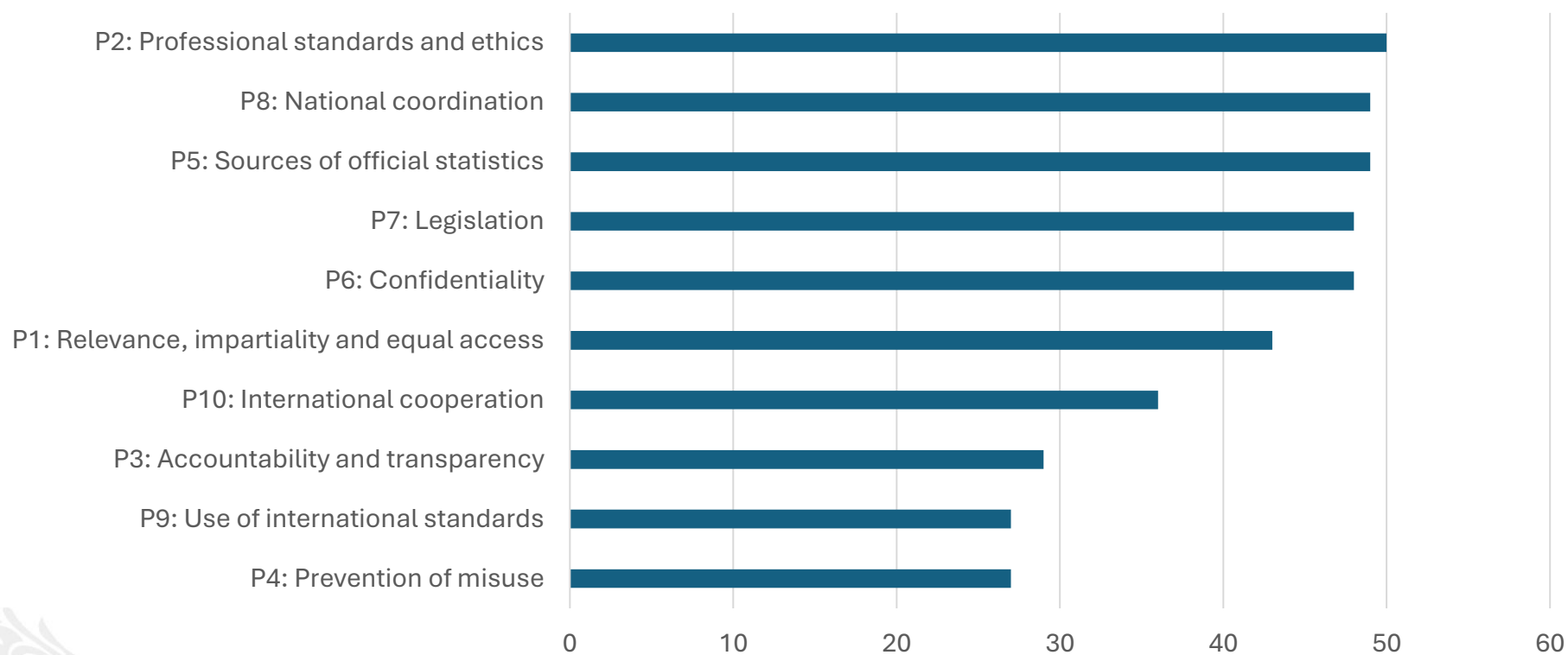
Analysis in 11 selected areas (score: 3 = fully complies, 2 = partially complies, 1 = does not comply)



Source: Clark, Zaror & Mejia (2019), "Marcos Legales Estadísticos de América Latina: Realidades, mejores prácticas y recomendaciones", IADB

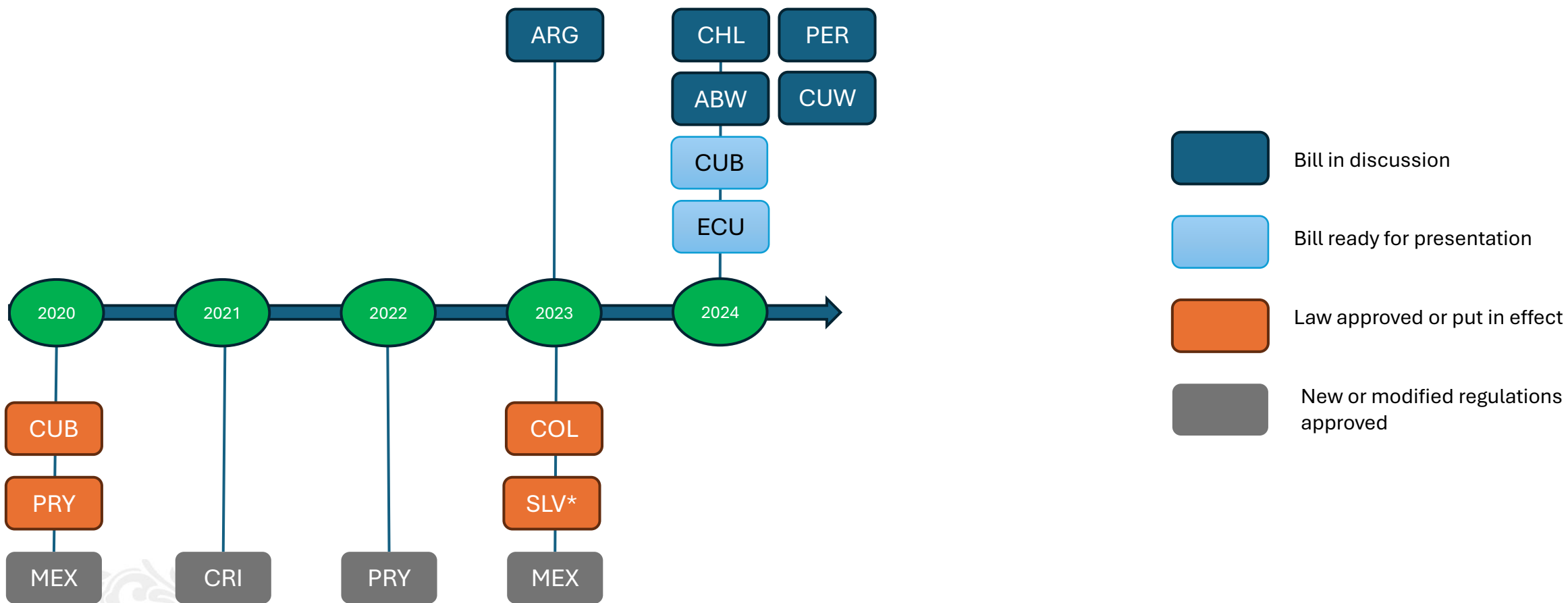
The Caribbean (24 countries/territories): Compliance of statistical legislation with respect to FPOS, ca.2020

(score: 3 = fully complies, 2 = partially complies, 1 = does not comply)



Source: Bleeker and Abdulkadri (2020), "A review of Caribbean national statistical legislation in relation to the United Nations Fundamental Principles of Official Statistics", ECLAC

America Latina and the Caribbean: Some recent initiatives in statistical legislation, 2020 - 2024



Source: ECLAC Statistics Division, based on consultations to member countries.

Some recent initiatives in statistical legislation

- New legislation
 - Incorporate the UN-FPOS into statistical legislation in an explicit manner.
 - Definition of the NSS
 - Strengthen the steering role of the NSO in the NSS.
 - Professional independence of the NSO.
 - Unrestricted access to administrative data
 - Scope of statistical secrecy, explicit statistical confidentiality and sanctioning framework.
 - Formation of advisory bodies within the NSS
 - Existence and implementation of a quality framework
- Existing regulations
 - Distribution of financial resources
 - Inclusion of health statistics
 - Changes in administrative functions of the NSO
 - Other minor changes in line with new legislation but that do not affect the statistical work.

Final remarks

- The Statistical Conference of the Americas has produced relevant regional guides for the implementation of the FPOS thanks to the commitment of regional statistical community.
- At national level, ongoing improvements in national statistical legislation, implementation of good practices and progress in quality assurance.
- Political support is essential. Several initiatives to update statistical legislation have not succeeded. FPOS need to be embraced at a higher political level, to overcome current limitations.
- How can regional statistical bodies such as the SCA better support FPOS?





Thank you





IMPLEMENTATION OF FUNDAMENTAL PRINCIPLES FROM THE PERSPECTIVE OF LAC

MIOSOTIS RIVAS PEÑA
DIRECTOR GENERAL NSO DR



DOMINICAN REPUBLIC EXPERIENCE
**INTEGRATION OF PFEOS AS A
STRUCTURING ELEMENT OF THE
DRAFT STATISTICAL LAW**



CONTEXT

The National Statistics Office has a legal framework dating back to 1959, the second oldest in the LAC region.

In 2020, the drafting of the most recent bill began, which seeks to be inspired by international recommendations, but in addition to having greater updates regarding them, it should rest on making those recommendations dialogue more clearly with the national reality.

CONTEXT

In this bill, the integration of structuring elements is highlighted, which serve as a starting point and guide for the general content of the Bill:

- ✓ The design of the national statistical system and the elements underlying it,
- ✓ The procedural definition of official statistics and,
- ✓ The way in which international standards were incorporated into official statistics.

The Fundamental Principles of Official Statistics are incorporated as general principles; accentuating the tone of its mandate to legal language (respecting both dimensions) and conducting its function as a guide and justification of conduct in the face of the implementation of the Law.

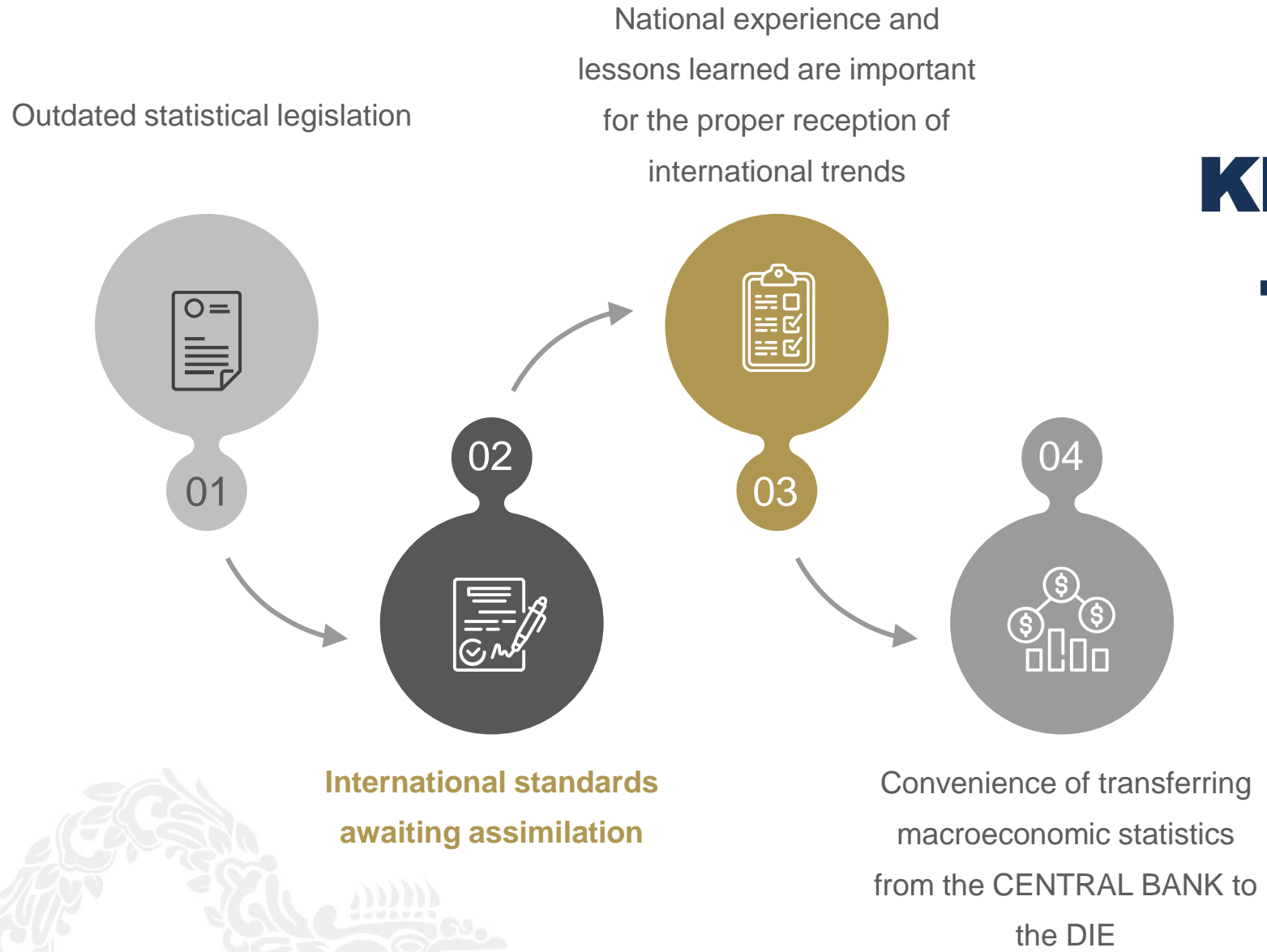


THE NATIONAL OFFICE OF STATISTICS SEEKS TO INCORPORATE FPOS INTO ITS INSTITUTIONAL WORK

IN 2020, AFTER A CHANGE IN THE GOVERNMENT AND TAKING INTO ACCOUNT PROGRESS IN THE REGIONAL CONTEXT (IN THE GENERIC LAW ON STATISTICS FOR LATIN AMERICA AND THE REGIONAL CODE OF GOOD PRACTICES), THERE IS AN OPPORTUNITY TO INTEGRATE THESE INTERNATIONAL REGULATIONS INTO THE LEGAL FRAMEWORK OF THE DOMINICAN REPUBLIC.



KEY ELEMENTS THAT GUIDED THE PROCESS



STRUCTURING ELEMENTS

INCORPORATION OF FPOS (ACCORDING TO LEGAL STATEMENT THEORY).

- ✓ The Law project **incorporates FPOS as general principles***.
- ✓ The definition of Official Statistics is included
 - ✓ *As an evaluative statement (mandate), of what OEs should be.*
 - ✓ *As an operational definition, to define on what things the principles and rules of the Law fall.*
- ✓ The FPOS would not be transcribed in the draft, a provision would be integrated indicating that they were assumed.
- ✓ Minor modifications were made to the wording of the principles, with the aim of giving them a more legal form than that provided for in the original instruments.

02



International standards
awaiting assimilation

* CONSIDERING THAT THE FPOS ORIENTS ITS TEN PRINCIPLES WITHOUT SPECIFYING WHICH SEGMENT OF STATISTICAL ACTIVITY THEY ARE AIMED AT

DOMINICAN REPUBLIC EXPERIENCE
MAKING PRINCIPLES
OPTIMIZATION MANDATES, WHICH
WILL BE INTERPRETED AS RULES



4 KEYS HOW TO MATERIALIZES

1. It is distinguished from a value statement: from **Being** (what ought to be), to **Will be** (accentuating the tone of the command).
2. The FPOS are related to the other provisions of the Act, i.e., the elements of the PFOS are contained in the articles of the Law.
3. They serve as a guide for the articles of the Law before the institutions that will apply it.
 - a. The provisions contained in the Act reinforce its interpretation through principles (e.g. a general provision on statistical confidentiality, which is reinforced by principle 6).
 - b. The FPOS come to clarify or guide what is the most correct interpretation within the framework of the normative effect of the Law.
– *Law is in a quantum state until it is interpreted.*
4. It is articulated with other constitutional principles, such as favorability, interpreting the statements in the most favorable way to the citizen.



**WHAT IS THE VALUE THAT FPOS BRING
TO LAW ENFORCEMENT?**

In the absence of information in the application of a statement of the law, the application is justified by transcending in the FPOS, which fill a legislative vacuum.



WHERE ARE WE NOW?

STILL
PENDING
APPROVAL

OPPORTUNITY
BEFORE A
CHANGE OF
GOVERNMENT



WHERE ARE WE NOW?

OPPORTUNITY
BEFORE A
CHANGE OF
GOVERNMENT

TRANSPARENCY OPPORTUNITY



Thank you

