

UN-GGIM: Americas

WORKING GROUP ON INTEGRATION OF STATISTICAL AND GEOSPATIAL
INFORMATION – GT-IIEG

Bogotá, Colombia





















August, 2018

www.dane.gov.co



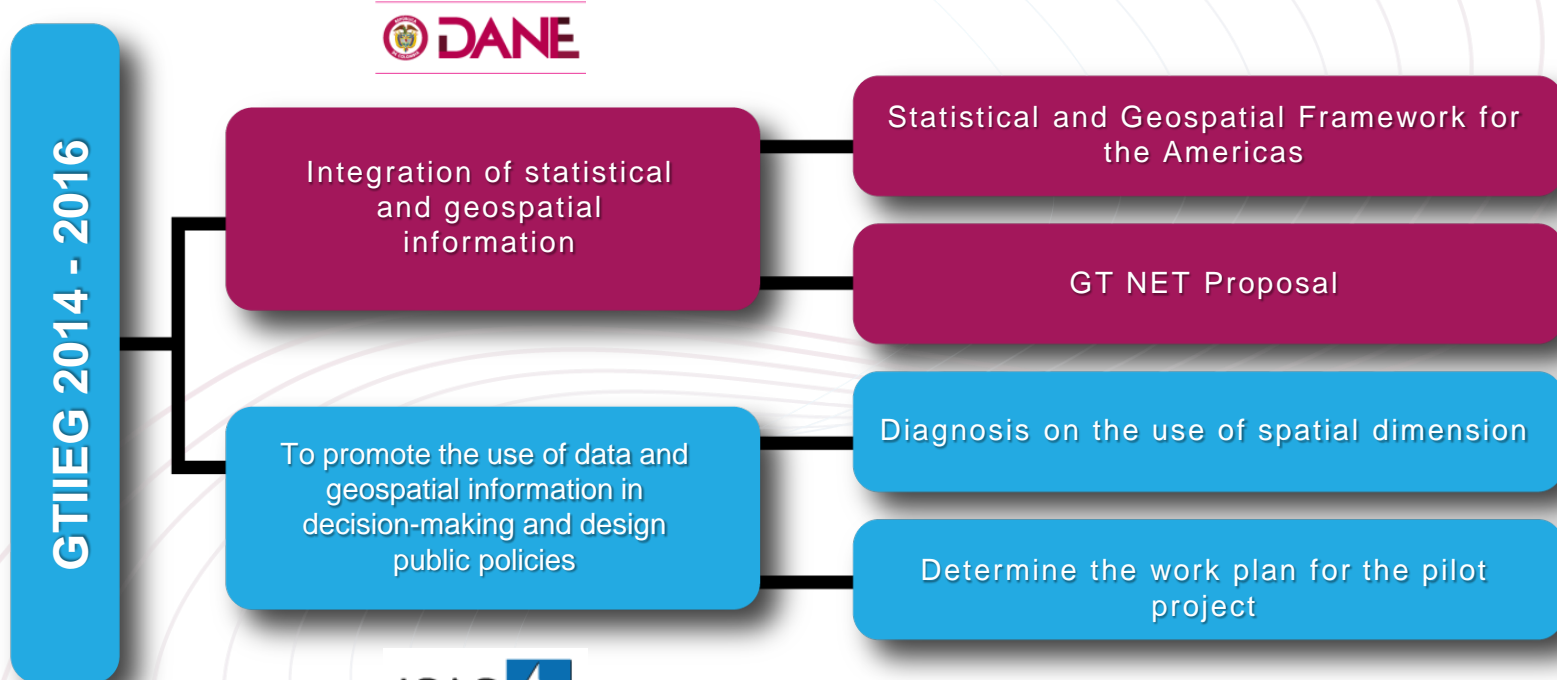
Working group GT-IIEG

Objective: To raise awareness and promote the linking of geospatial dimension in statistical information in decision-making and public policies design processes by developing partnerships of the collaboration, cooperation and participation of the Member States.

 Dominica	 Guyana	 Ecuador
 El Salvador	 Brasil	 Venezuela
 Chile	 Bahamas	 Argentina
 México	 Surinam	 Paraguay
 Antigua & Barbuda	 USA	 Belice
 Barbados	 St. Maarten	 Cuba
 Perú	 Uruguay	 San Vicente y las Granadinas
		 Colombia (Coordinador)



Activities 2014-2016 - GTIIEG



Statistical and Geospatial Framework for the Americas (MEGA)

**Accessible
& Usable**

**Interoperable
data & metadata standards**

**Common geographies for
dissemination of statistics**

**Geocoded unit record data in a
data management environment**

**Use of fundamental geospatial
infrastructure and geocoding**

MEGA will enable the linking of statistical information of various types, and its corresponding geospatial location, and will improve the accessibility and usability of these geospatially-enabled statistics.

- ▶ The data will be openly accessible in a geographical portal.
- ▶ SIRGAS as the reference system and geospatial metadata standards are being used.
- ▶ The geographies for dissemination are based on political administrative areas.
- ▶ National geocodes are used to link each statistical unit to a small geographic area.

Statistical and Geospatial Framework for the Americas. (Versión 1.0)

Reference System Geographic Coordinates



Geographic levels



MEGA

Statistical information



Output format



To promote the use of data and geospatial information
in decision-making and design public policies



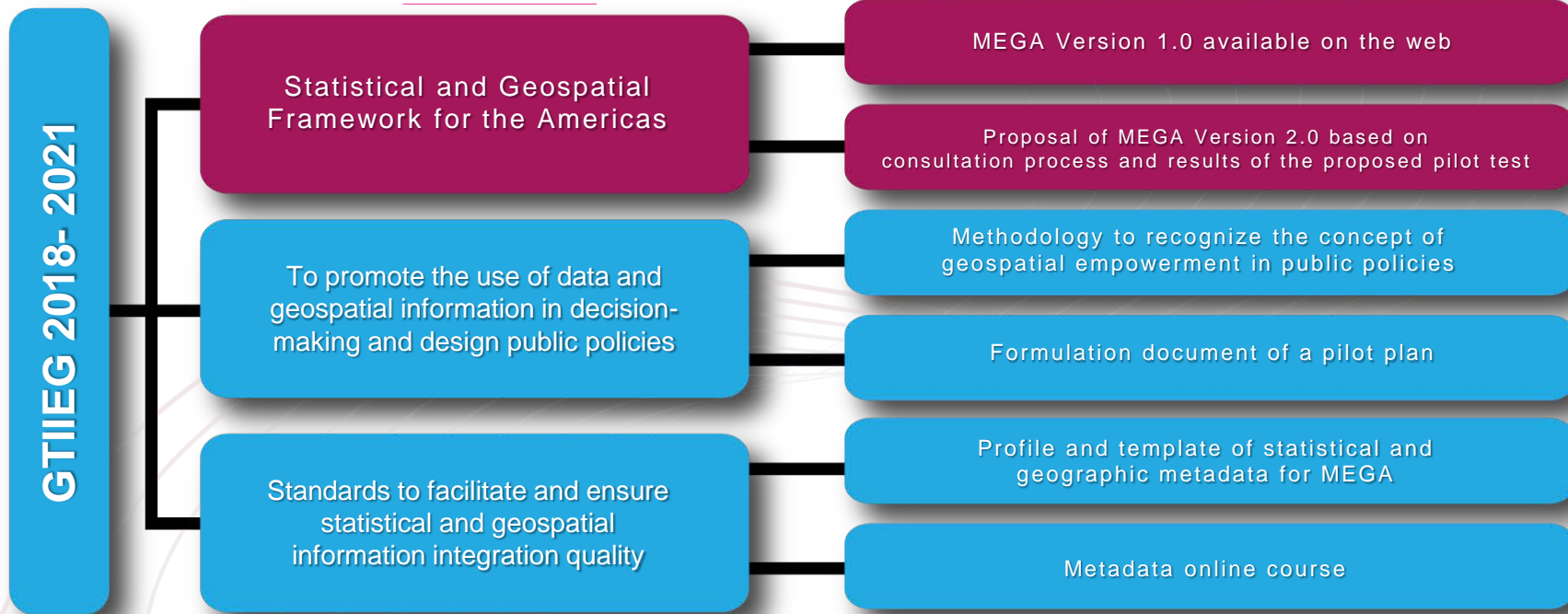
Spatially Enabled Society

Spatially enable a public policy, based on the following criteria :

- ▶ Legal framework
- ▶ Data integration concept
- ▶ Positioning infrastructure
- ▶ Spatial Data Infrastructure
- ▶ Land ownership information
- ▶ Data and information

Colombian case: Law 1523 of 2012: National disaster risk management policy - National Disaster Risk Management System (SNGRD) is established.

Work Plan 2018-2021 - GTIIEG



Statistical and Geospatial Framework for the Americas. (Versión 1.0)

Report of advances

Loading information

-  Uruguay
-  Dominica
-  Venezuela
-  Colombia
-  Barbados
-  El Salvador
-  Chile
-  Argentina
-  México

In process

-  Antigua y Barbuda
-  Bahamas
-  Belize
-  Brasil
-  Ecuador
-  Estados Unidos
-  Guyana
-  Paraguay
-  St. Vincent & the Grenadines
-  Surinam

Delivery second semester

-  Cuba
-  Perú

No information

-  Saint Maarten

Update standardization of MEGA information document

MEGA



To develop
platform for
MEGA version
1.0 publication

To generate geo
services

Integration of
information

Version 1.0 of the Statistical and Geospatial Framework for the Americas (*MEGA*) with dwelling and population information disaggregated by sex, for the year 2018 available on the web

Phase 1: Information from Member States of the Working Group.

Phase 2: Information from the remaining Member States of UN-GGM: Americas.

B. To promote the use of data and geospatial information in decision-making and design public policies

Spatial enablement in a public policy

- ▶ Methodology to recognize spatial enablement in a public policy (document to validate)
 - ◆ Public policy formulation
 - ◆ Public policy monitoring and control



GSDI
Global Spatial Data
Infrastructure Association



THE WORLD BANK
IBRD • IDA | WORLD BANK GROUP



NACIONES UNIDAS

CEPAL



Colombian case: Law 1523 / 2012: National disaster risk management policy - National Disaster Risk Management System (SNGRD).

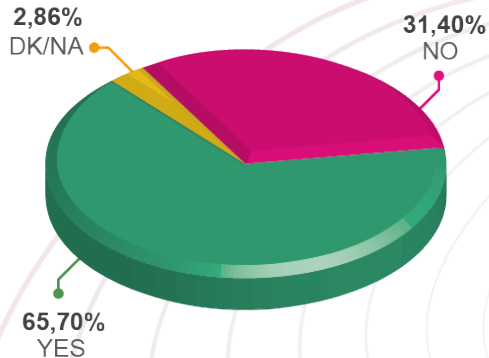
C. Standards to facilitate and ensure statistical and geospatial information integration quality

Metadata profile: geographic and statistical information

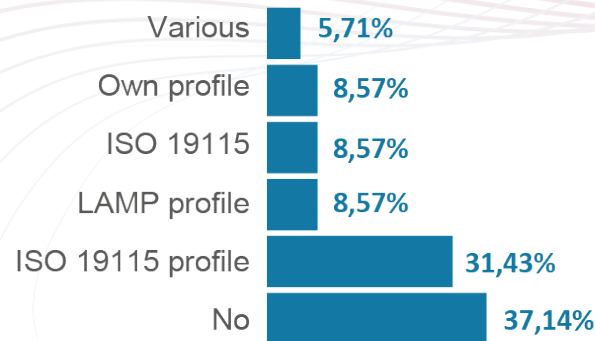
- ▶ Survey designed and applied to the participating countries of MEGA.

Identification of geographic metadata profiles used in the region

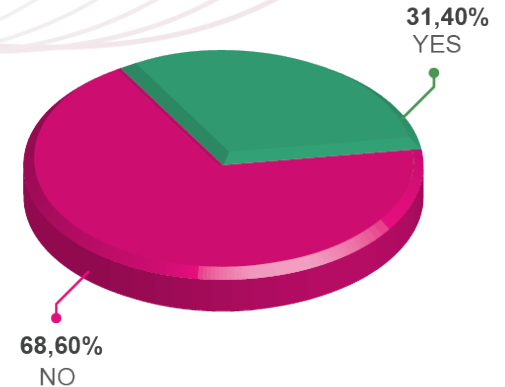
◆ Use of metadata standard:



◆ Metadata profile:



◆ LAMP knowledge

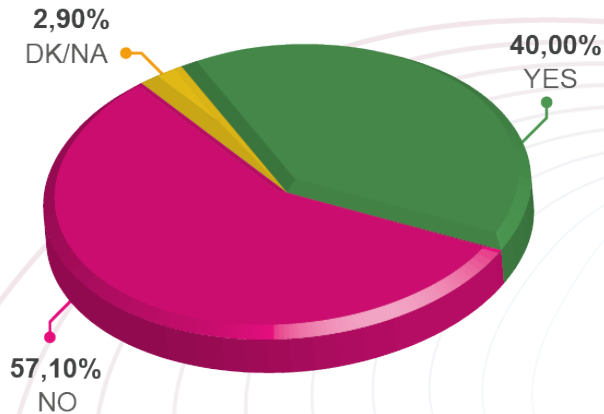


C. Standards to facilitate and ensure statistical and geospatial information integration quality

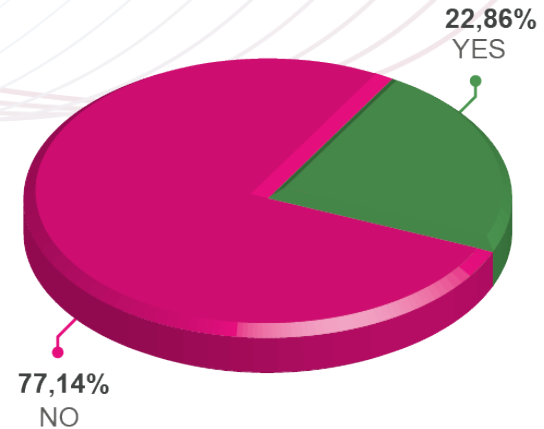
Metadata profile: geographic and statistical information

Identification of statistical metadata standards used in the region

◆ Use of statistical metadata standard:



◆ Statistical metadata profile:

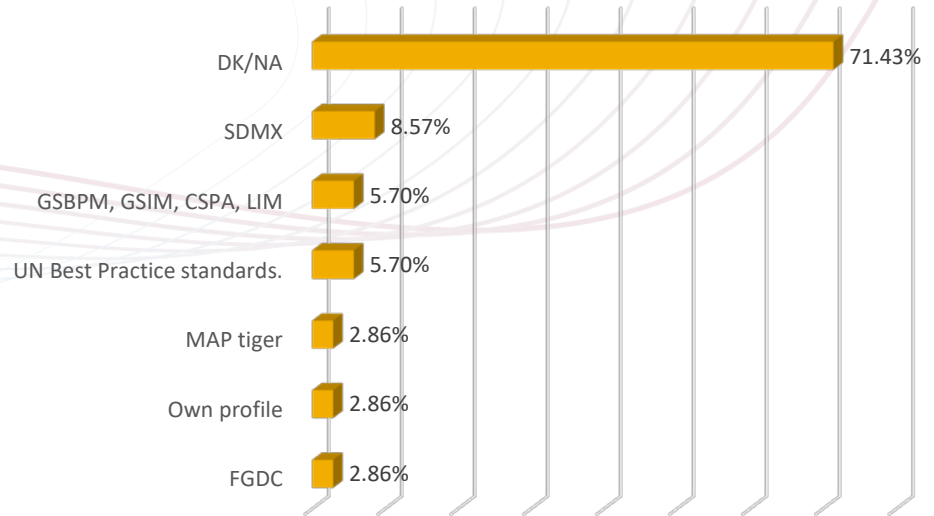


C. Standards to facilitate and ensure statistical and geospatial information integration quality

Metadata profile: geographic and statistical information

- ▶ Diagnosis of statistical standards susceptible to be adopted and to be integrated with geographic standards

SDMX: Statistical Data and Metadata eXchange
GSBPM: Generic Statistical Business Process Model
GSIM: Generic Statistical Information Model
CSPA: Common Statistical Production Architecture
LIM: Logical Information Models



- Identification of statistical standards to take into account in later phases of MEGA and to be integrated with geographic standards.



GOBIERNO DE COLOMBIA



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AGUSTIN CODAZZI

