

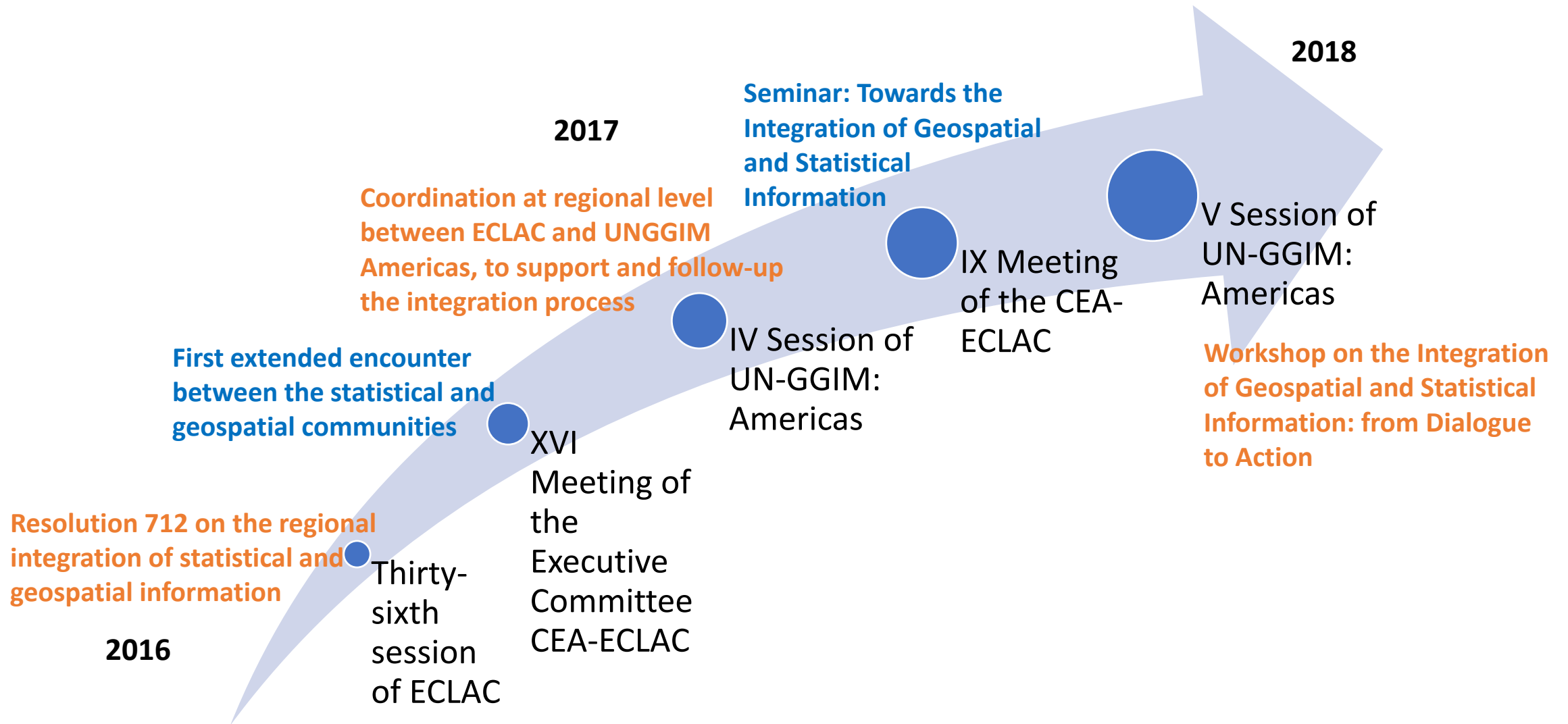


Towards the implementation of the Global Statistical Geospatial Framework in the Americas

Meeting of the UN-GGIM Expert Group on the Integration of Statistical and Geospatial Information

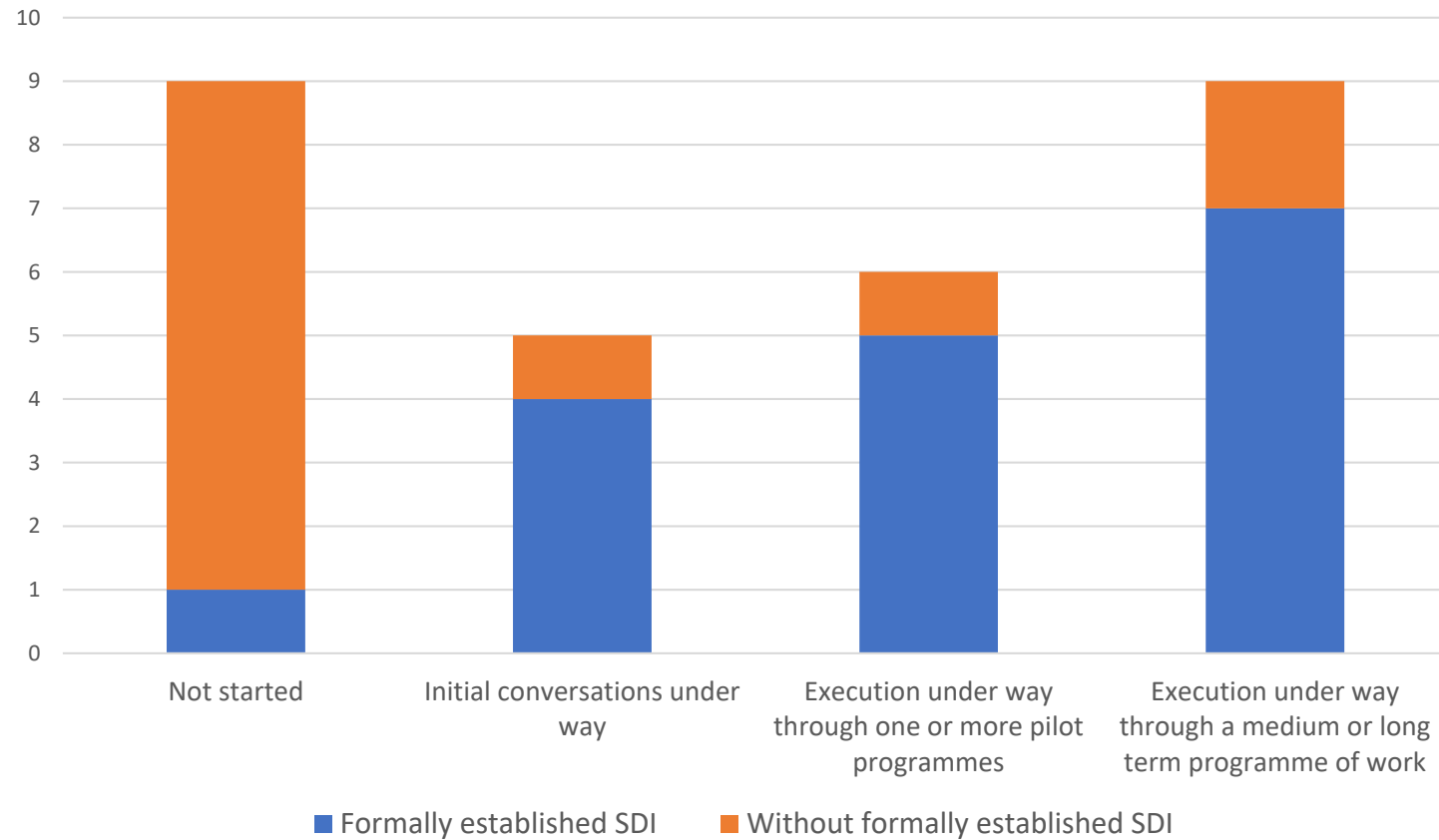
50th Session of the UN Statistical Commission
New York, Friday 08 March 2019

Encounter of the regional statistical and geospatial communities in the region



Baseline for the implementation of the GSFG at the country level in the Americas

Number of countries



Step I: the process of integration has not started yet



Conformation of the **Spatial Data Infrastructure (SDI)** still at the **project level**.

There is no coordination between the National Statistics Office and the National Cartographic Agency.

The production of cartography is analog and is in the process of digitalization. **Agreements for the dissemination** of digital geospatial information are required before starting the integration.

Limited use of geospatial technologies in the National Statistics Office.

Step II: initial conversations under way



Conversations and initial approach between the National Statistics Office and the National Cartographic Agency.

National geospatial information policy **in process**, including the National Statistical Office as stakeholder

Conformation of a working group to address the challenge in an inter-sectoral manner, under the leadership of the National Statistics Office and the National Cartographic Agency.

Delivery of geospatial information from the National Cartographic Agency to the National Statistical Office, but **without a formal process or a specific project**.

Projects in the planning phase, for example use of geostatistical information to support the implementation of the 2030 agenda.

Step III: Execution under way through one or more pilot projects (Step III)

In most cases, as a result of **inter-institutional coordination**.

Based on **Geographic Information Systems** tools, with map visualization services.

Application of **methods for the homologation** of census units and administrative geographies.

Geocoding of statistical databases, using **common fundamental geospatial data**.

Elaboration of **Statistical Atlas** related to a wide range of topics.



Step IV: Execution under way through a medium or long term work programme



Most of the cases are denominated as **National Geostatistical Framework**.

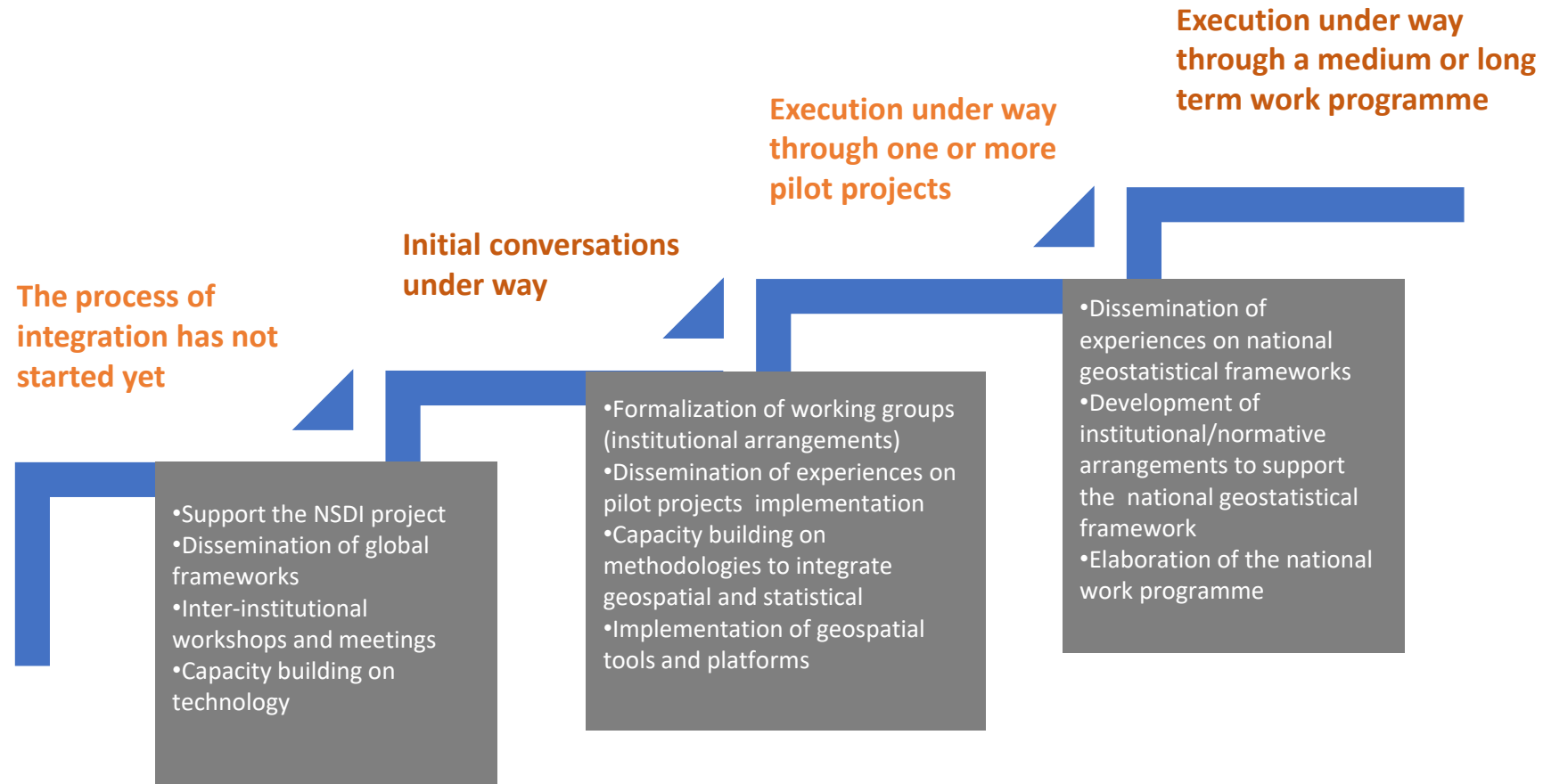
They are coordinated by the **National Statistical Offices** or the organizations that lead the **National Geospatial Data Infrastructures**.

They are supported by **institutional regulations** (NSO) and **inter-institutional agreements**.

They have **services for viewing and downloading** (in some cases) geostatistical data.

They are focused on the implementation of the five components of the **Global Statistical Geospatial Framework**.

Paving the way for the implementation of the GSGF in the region: ECLAC's technical assistance to support the national processes



DELIVERABLES OF THE FIVE PRINCIPLES OF THE GSGF WILL BE A VALUABLE RESOURCE !

Paving the way for the implementation of the GSGF in the region: ECLAC's technical assistance to support the national processes

Guyana



Dominica



Costa Rica



Rep. Dominicana



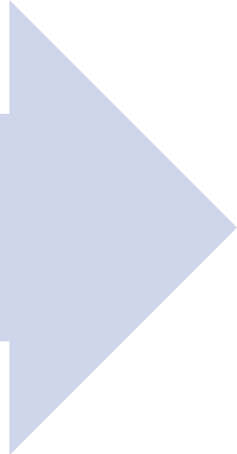
Paraguay



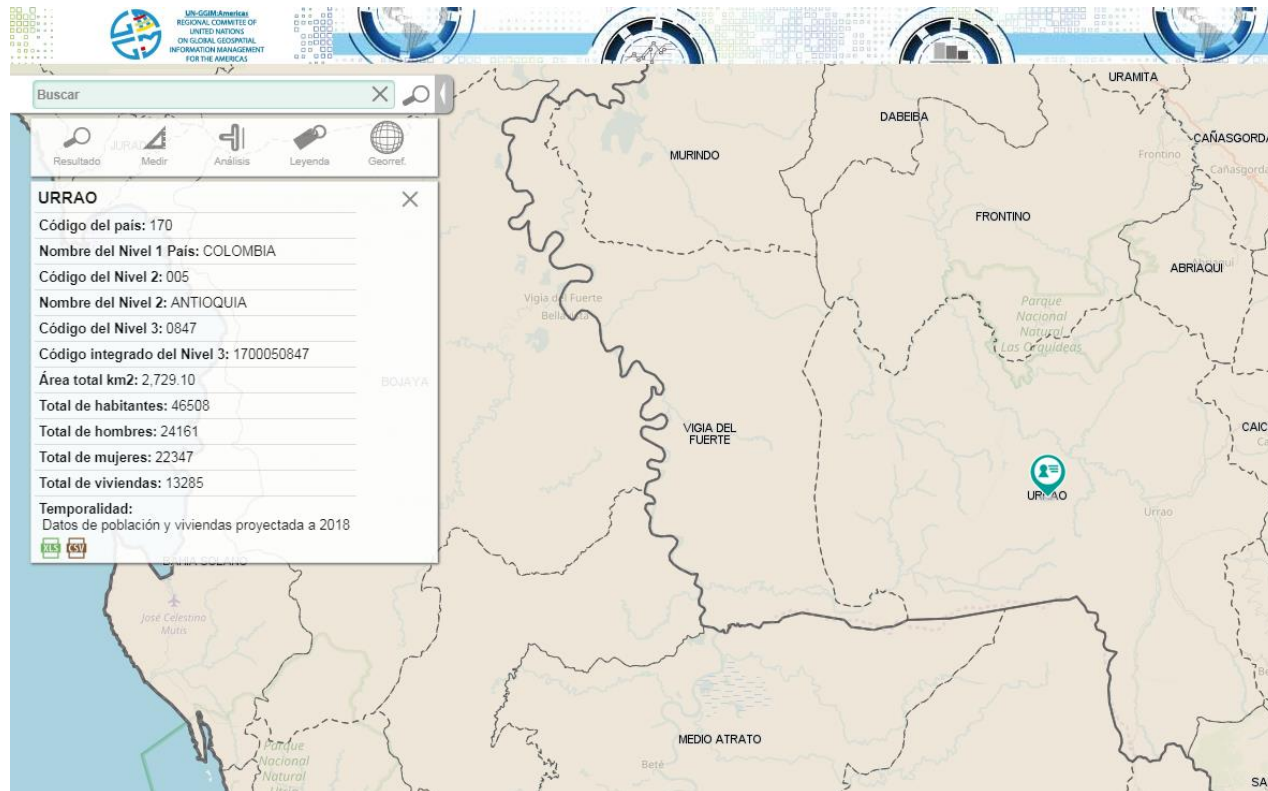
Ecuador



Surinam



Paving the way for the implementation of the GSGF in the region: MEGA Project



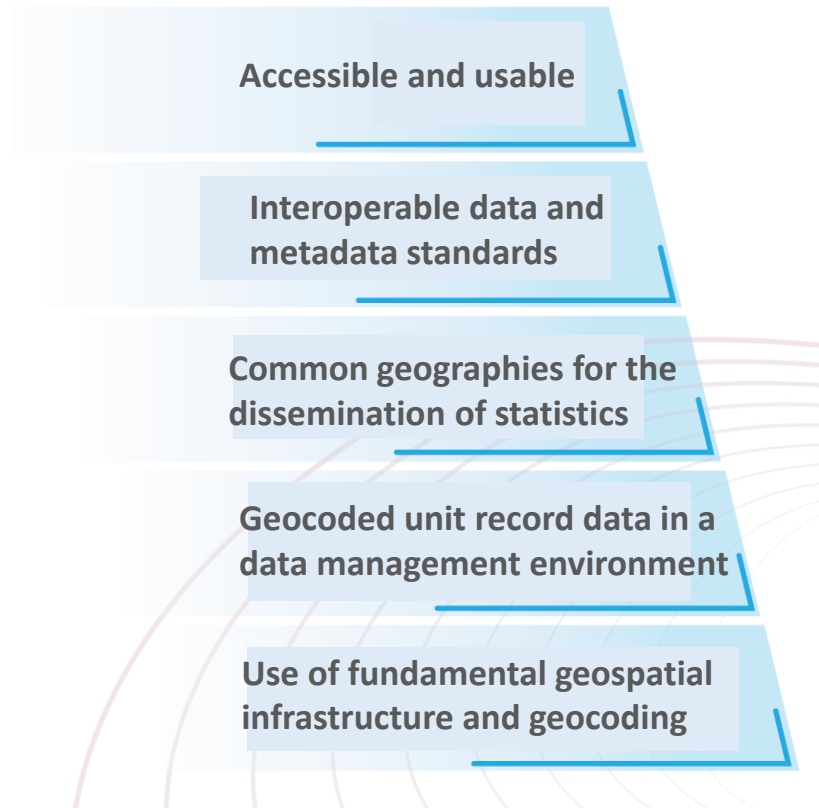
This initiative is led by the UN-GGIM:
Americas Working Group on Integration
of Statistical and Geospatial Information

THE FIRST VERSION OF MEGA 1.0 WILL DELIVER:

- Statistical data on population disaggregated by sex, and households, provided by National Statistics Offices (third level)
- Geospatial data on administrative boundaries, provided by national mapping agencies.
In the near future the base map of MEGA will be the Integrated Map of the Americas, being elaborated by the Panamerican Institute of Geography and History

UP TO DATE, THE GEOPORTAL OF MEGA CONTAINS DATA FROM 18 COUNTRIES

Paving the way for the implementation of the GSGF in the region: MEGA Project



The MEGA will allow the **linking of statistical information** of various types, and their corresponding **geospatial location**, and will improve the accessibility and usability of these geospatially enabled statistics.

- ▶ The data will be **accessible in an open way** in a geographic portal.
- ▶ The Geocentric Reference System for the Americas, **SIRGAS**, is being used **as a reference system** and the geospatial metadata standards.
- ▶ The geographical divisions, for their diffusion, are based on **political administrative areas**.
- ▶ **National geographic codes** are used to link each statistical unit to a small geographic area.



UN-GGIM:Américas

COMITÉ REGIONAL DE LAS
NACIONES UNIDAS SOBRE
LA GESTIÓN GLOBAL
DE INFORMACIÓN GEOESPACIAL
PARA LAS AMÉRICAS

Paving the way for the implementation of the GSGF in the region: PAIGH Project

Project 2019 for the integration of geospatial and statistical information in Central America

Led by the Panamerican Institute of Geography and History and UN-GGIM, in collaboration with ECLAC

México, United States and Spain will provide their knowledge and experience

Its main purpose is to strengthen capacities to integrate statistical and geospatial information in the countries of Central America: Belize, Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica y Panamá



Closing Remarks

- ❑ In the region, important efforts have been made to facilitate the encounter and articulation between the communities of statistical and geospatial information.
- ❑ Although the integration processes of statistical and geospatial information present different levels of progress in the countries of the region, there is a favorable baseline for the implementation of the Global Statistical Geospatial Framework at a national level.
- ❑ ECLAC has strong interest and willingness to support the implementation of the Global Statistical Geospatial Framework in the countries, through technical assistance activities and also to collaborate with the Expert Group.
- ❑ The Joint Action Plan to accelerate the development of the Geospatial Data Infrastructure of the Americas contributes to strengthen regional cooperation links at the service of this process.