



# Advancing in the implementation of the GSGF in the Americas

Alvaro Monett

Statistics Division - ECLAC

Seventh Meeting of the Expert Group on Integration of Statistical and Geospatial Information

Santiago de Chile, 1 – 2 December 2022

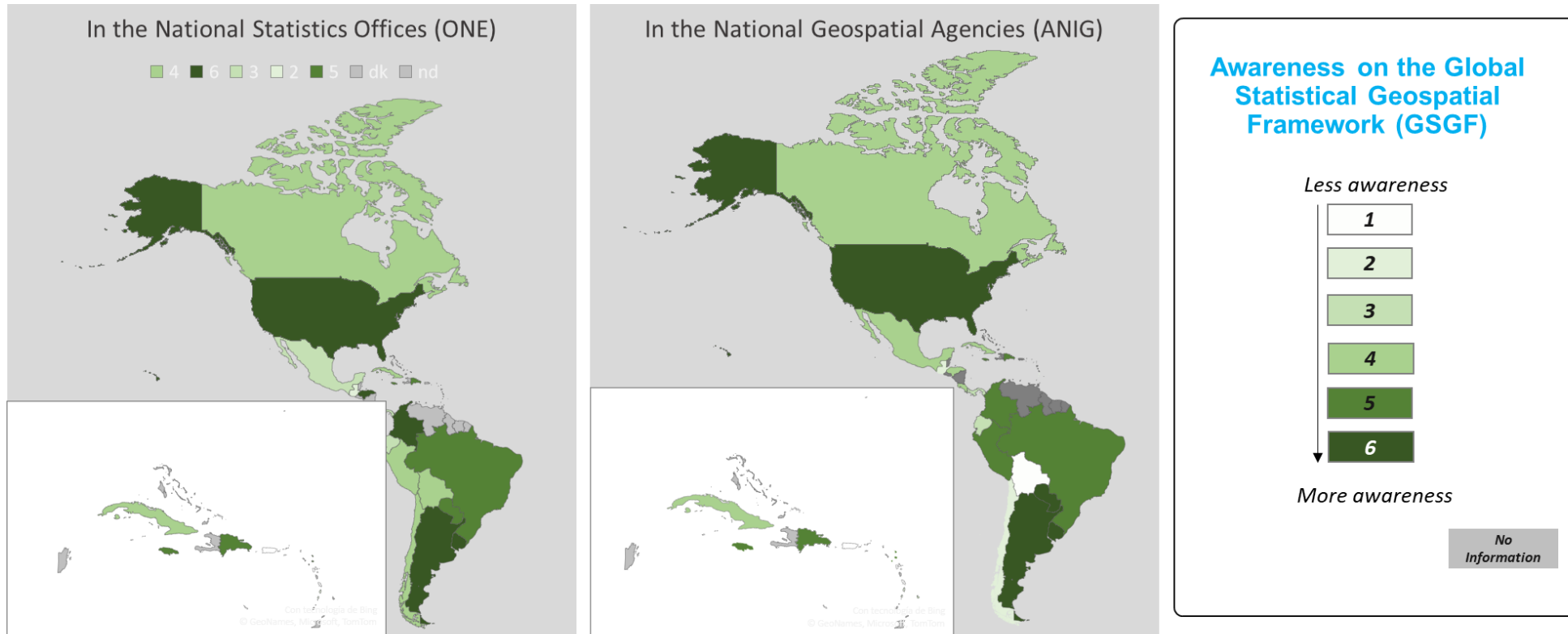


# Outline

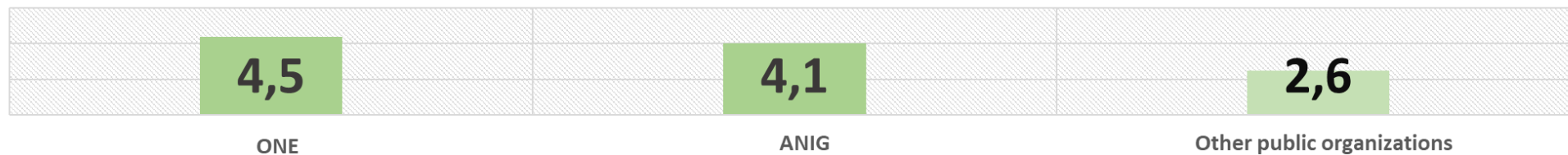
- ✓ Some results of the GSGF Global Survey in the region of the Americas
- ✓ DA 13 Project – Increasing capacities for the integration of Statistical and Geospatial information
- ✓ Facility Project to implement Statistical geoportals at NSOs
- ✓ UN-GGIM: Américas work plan for the integration of statistical and geospatial information
- ✓ Closing remarks



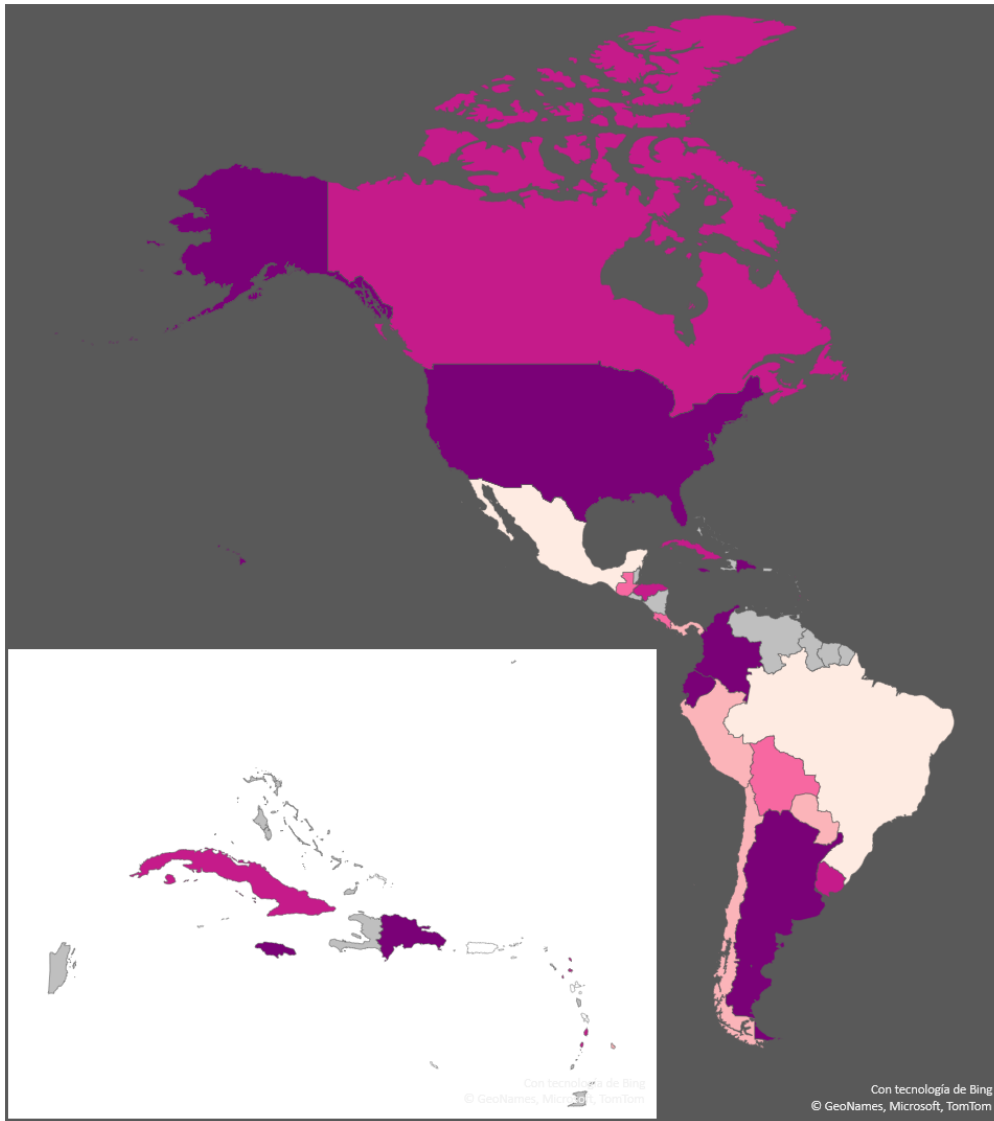
# Some results of the GSGF Global Survey in the region of the Americas



Regional average on the knowledge about GSGF



# Some results of the GSGF Global Survey in the region of the Americas



## Work relationship between ONE and ANIG

24%

*Coordinated under a formal agreement*

32%

*Coordinated without a formal agreement*

12%

*With formal agreement but not yet working in a coordinated manner*

24%

*Not sufficiently coordinated in their work*

8%

*Combined in one organisation*

*No data*



# Some results of the GSGF Global Survey in the region of the Americas



## Implementation of a national statistical-geospatial framework in countries

**36%**

*Regional/national statistical-geospatial framework already implemented.*

**12%**

*In the process of establishing a framework.*

**40%**

*Early stage of implementation.*

**12%**

*Not initiated work to work on the establishment of the framework.*

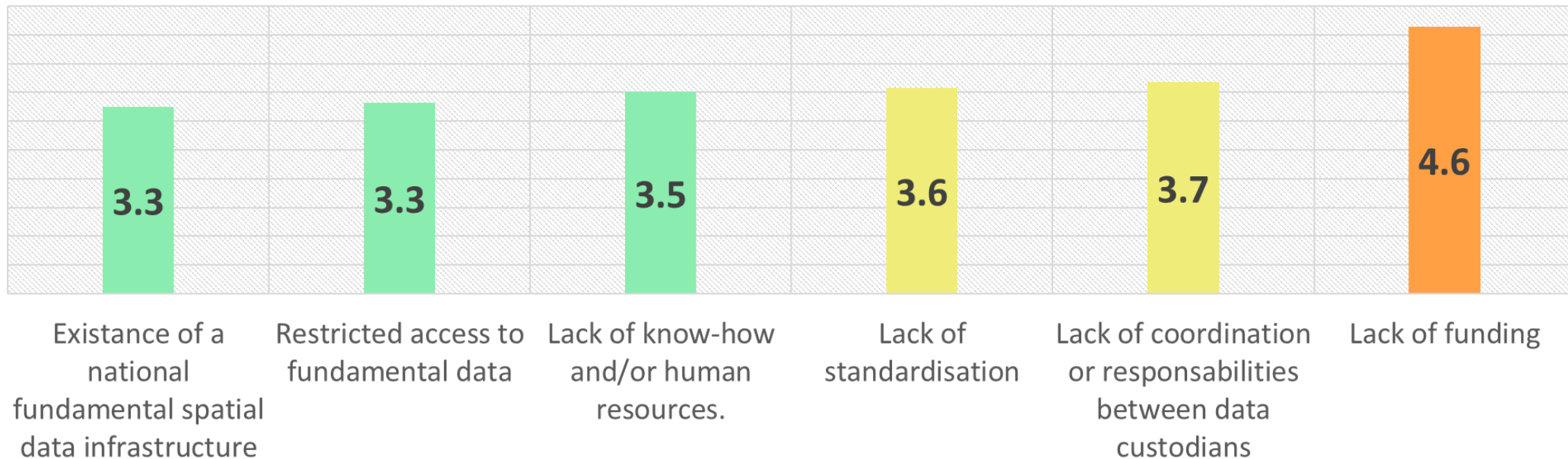
*No data, don't know*



# Some results of the GSGF Global Survey in the region of the Americas

## Main obstacles preventing an effective integration of statistical, administrative and geospatial data

Regional average of main obstacles



*Not problem at all*

0

1

2

3

4

5

6

*Significant problem*



# DA 13 Project – Increasing capacities for the integration of Statistical and Geospatial information



## Specific objectives



Increase capacities to integrate different sources (national accounts, tax information and household suveys).

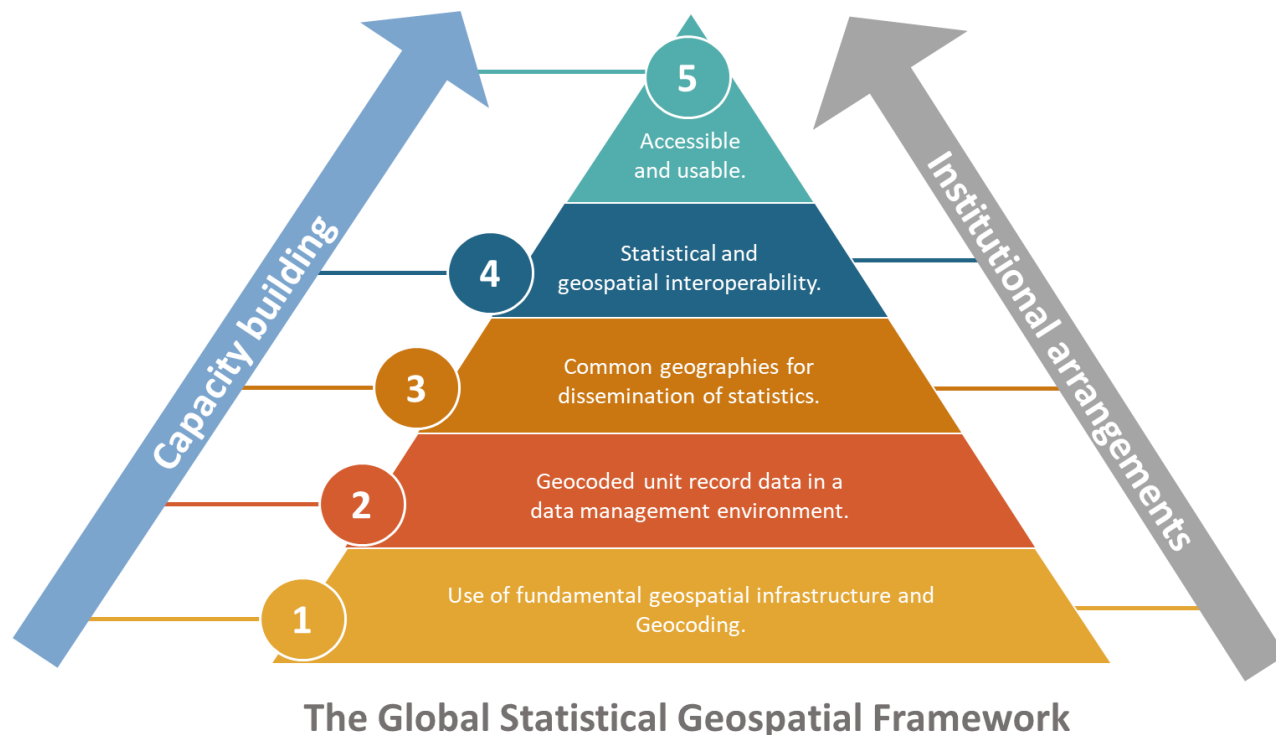


Increase capacities to integrate geospatial and statistical data and information.



Strengthen capacities to produce disaggregated statistics (using Small Area Estimation techniques).

# DA 13 Project – Increasing capacities for the integration of Statistical and Geospatial information



Adoption of geocoding methodologies.

Strengthening capacities in the use of common geographies.

Implementation of policies, standards, good practices and technologies.

National agreement between NSOs and NGIAs to establish a national geostatistical framework.

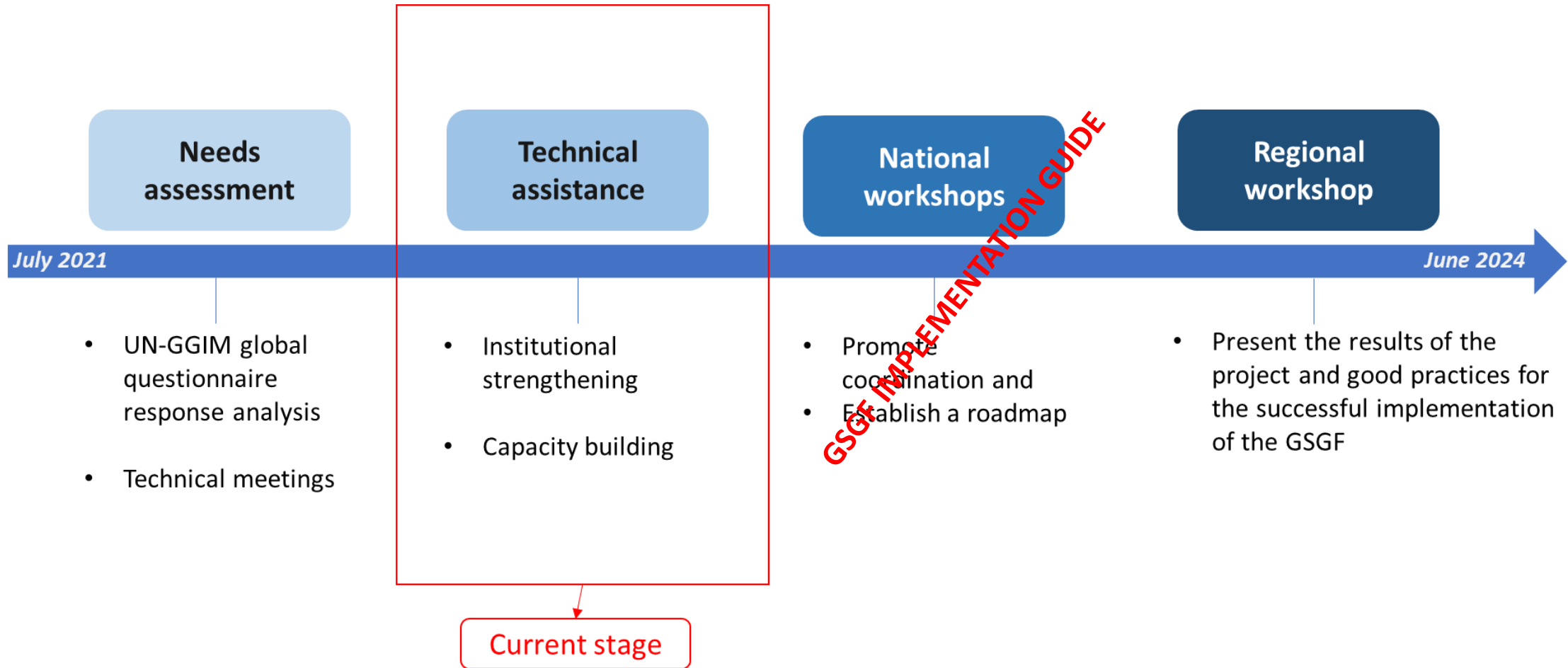
Roadmap to integrate statistical and geospatial information.

COVID-19 Variables Pilot Geospatial Platform.

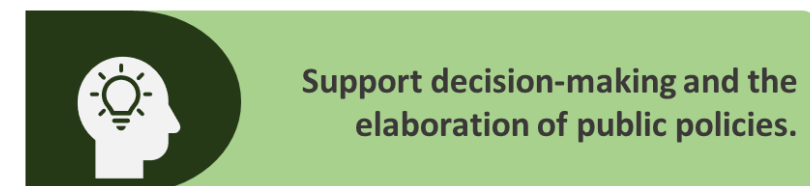
**GSGF IMPLEMENTATION GUIDE**



# DA 13 Project – Increasing capacities for the integration of Statistical and Geospatial information



# Facility Project to implement Statistical geoportals at NSOs



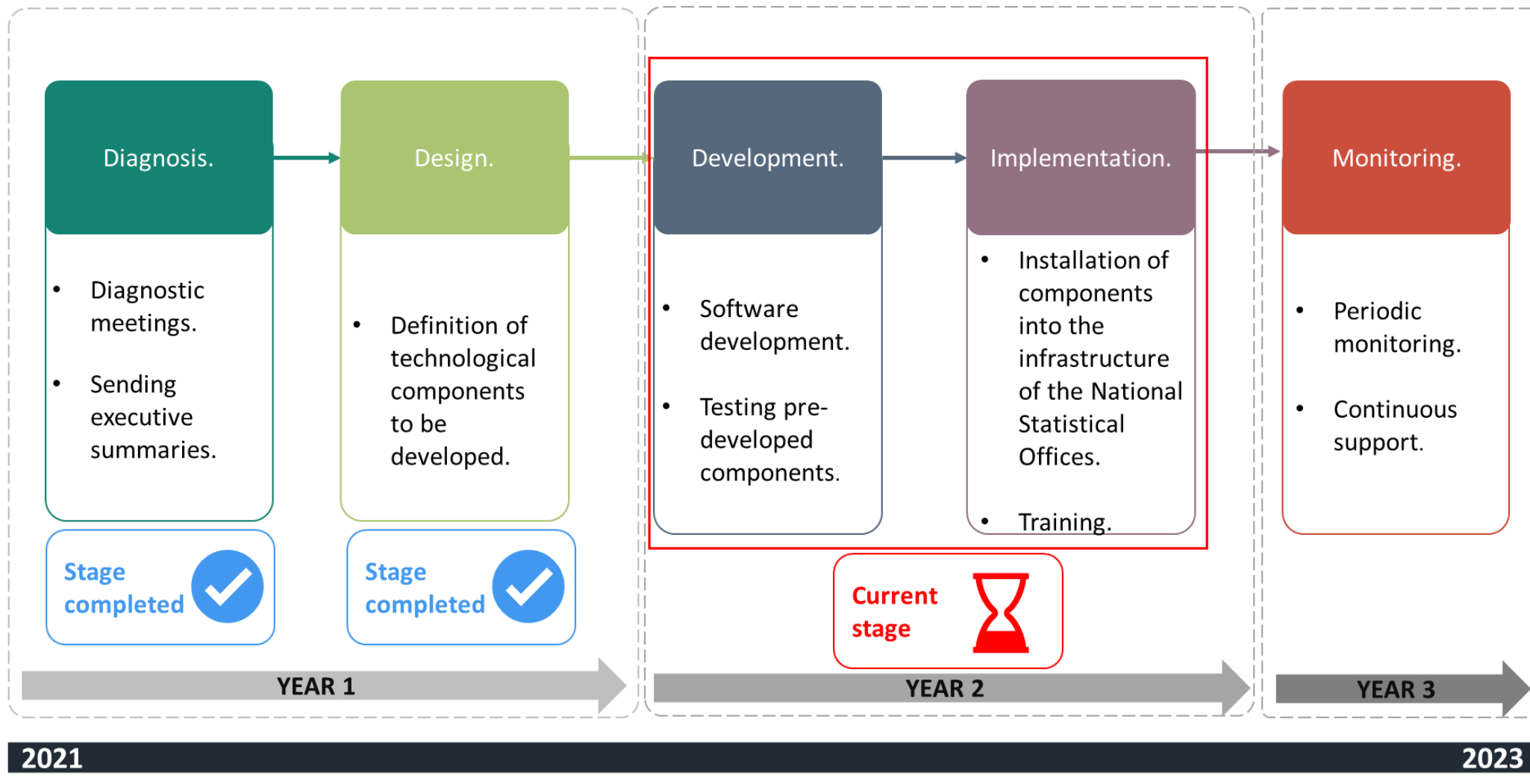
- Adapted to the requirements of each ONE.

- Interoperable with pre-existing architectures.

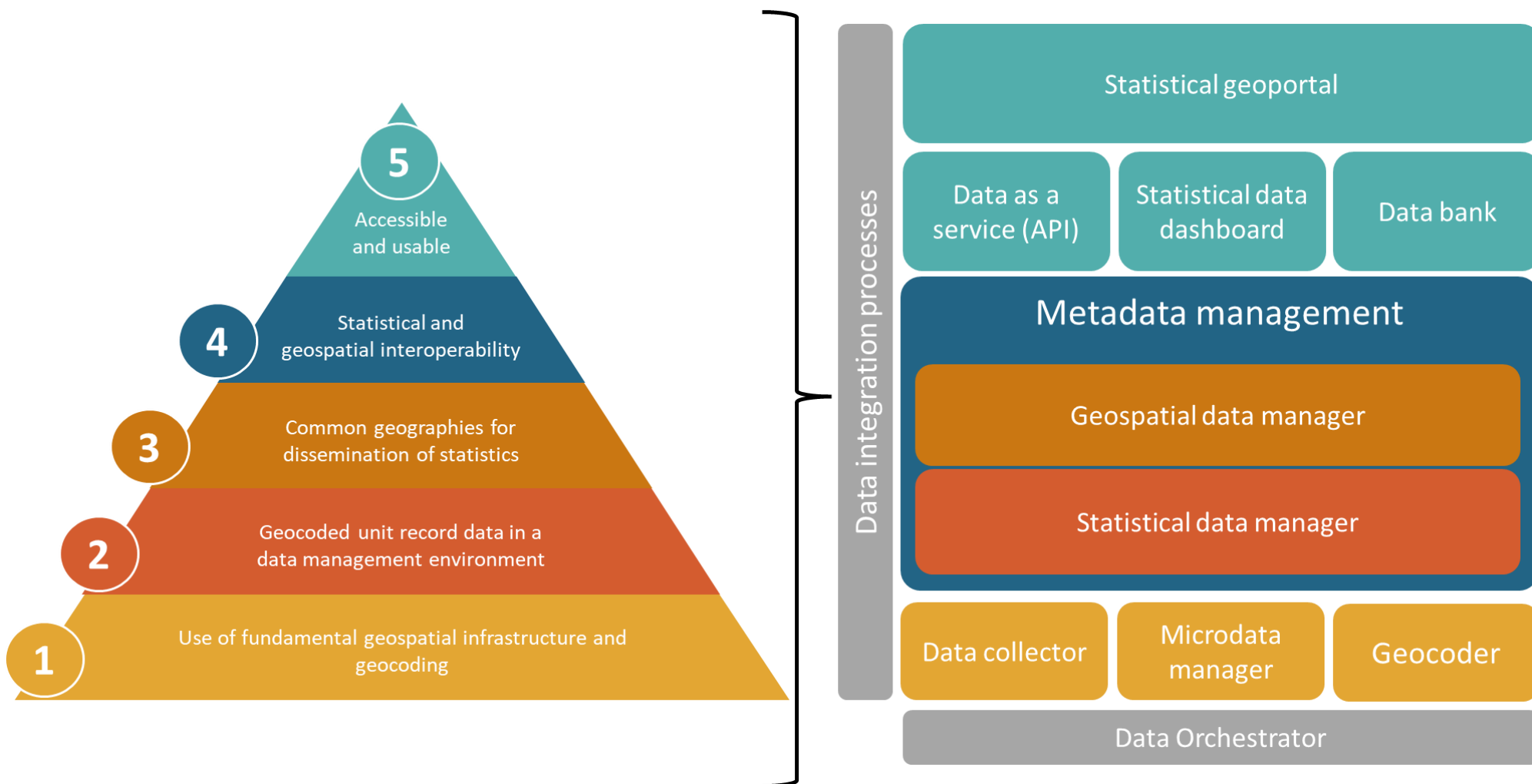
- Support for internal statistical data management processes.

- Interoperable with other solutions that implement open standards.

# Facility Project to implement Statistical geoportals at NSOs



# Facility Project to implement Statistical geoportals at NSOs



## UN-GGIM: Américas work plan for the integration of statistical and geospatial information

- ✓ Improve knowledge of the GSGF and its working documents
- ✓ Strengthen geocoding/georeferencing processes and fundamental geostatistical data infrastructures
- ✓ Explore methodologies that promote the use of common geographies for the analysis and dissemination of geostatistical analysis
- ✓ Strengthen capacities focused on interoperability, standards and good practices of geostatistical data



## UN-GGIM: Américas work plan for the integration of statistical and geospatial information

- ✓ Compilation of use cases and technical documentation
- ✓ Publication of use cases and technical documentation on the UN-GGIM website: Americas
- ✓ Regional training workshops
- ✓ Virtual courses for the regional geostatistical community



## Closing remarks

- ✓ The implementation of the GSGF is a priority in the region
- ✓ The GSGF Implementation Guide is a valuable resource to support the works being conducted
- ✓ In general, capacity building resources generated by the EG-ISGI will be very useful in this process
- ✓ UN-GGIM: Américas work plan for the integration of statistical and geospatial information





# Advancing in the implementation of the GSGF in the Americas

Alvaro Monett

Statistics Division - ECLAC

Seventh Meeting of the Expert Group on Integration of Statistical and Geospatial Information

Santiago de Chile, 1 – 2 December 2022

