



UN-GGIM
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

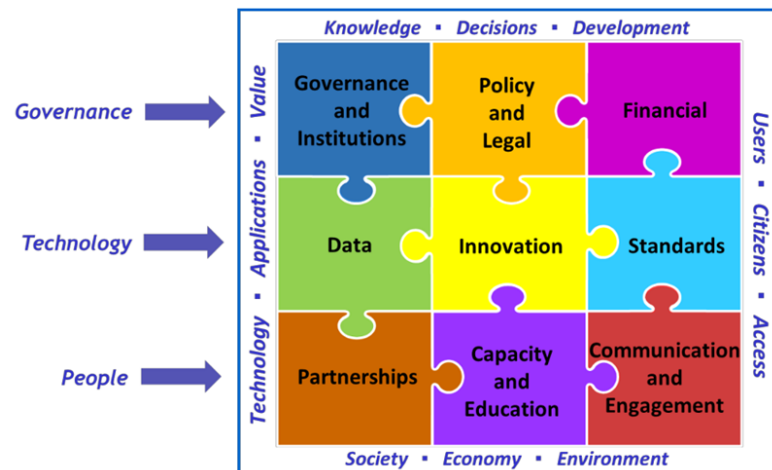
Supporting integrated geospatial information management in the Americas

Rolando Ocampo, Director Statistics Division ECLAC

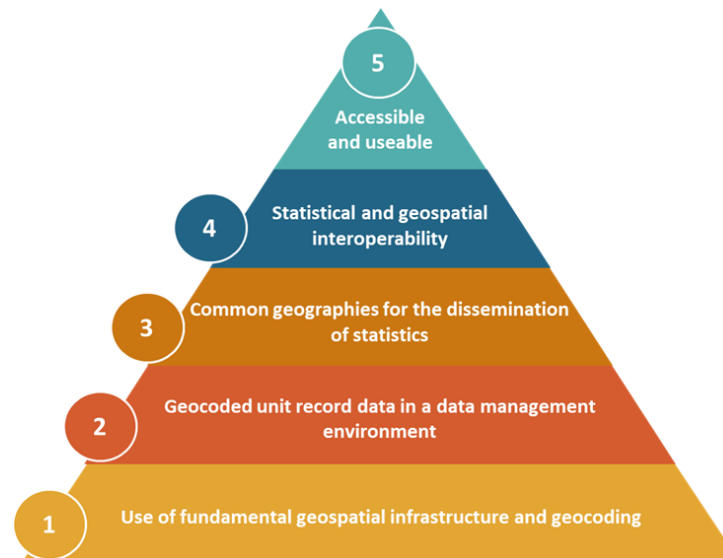
Forum on Integrated geospatial information for development agendas
New York, 05 August 2025

Assisting the implementation and use of UN-GGIM global guidelines and frameworks

Our work with countries has been primarily focused on **strengthening governance** and **developing policies** for geospatial information management, seeking to implement the UN-IGIF.

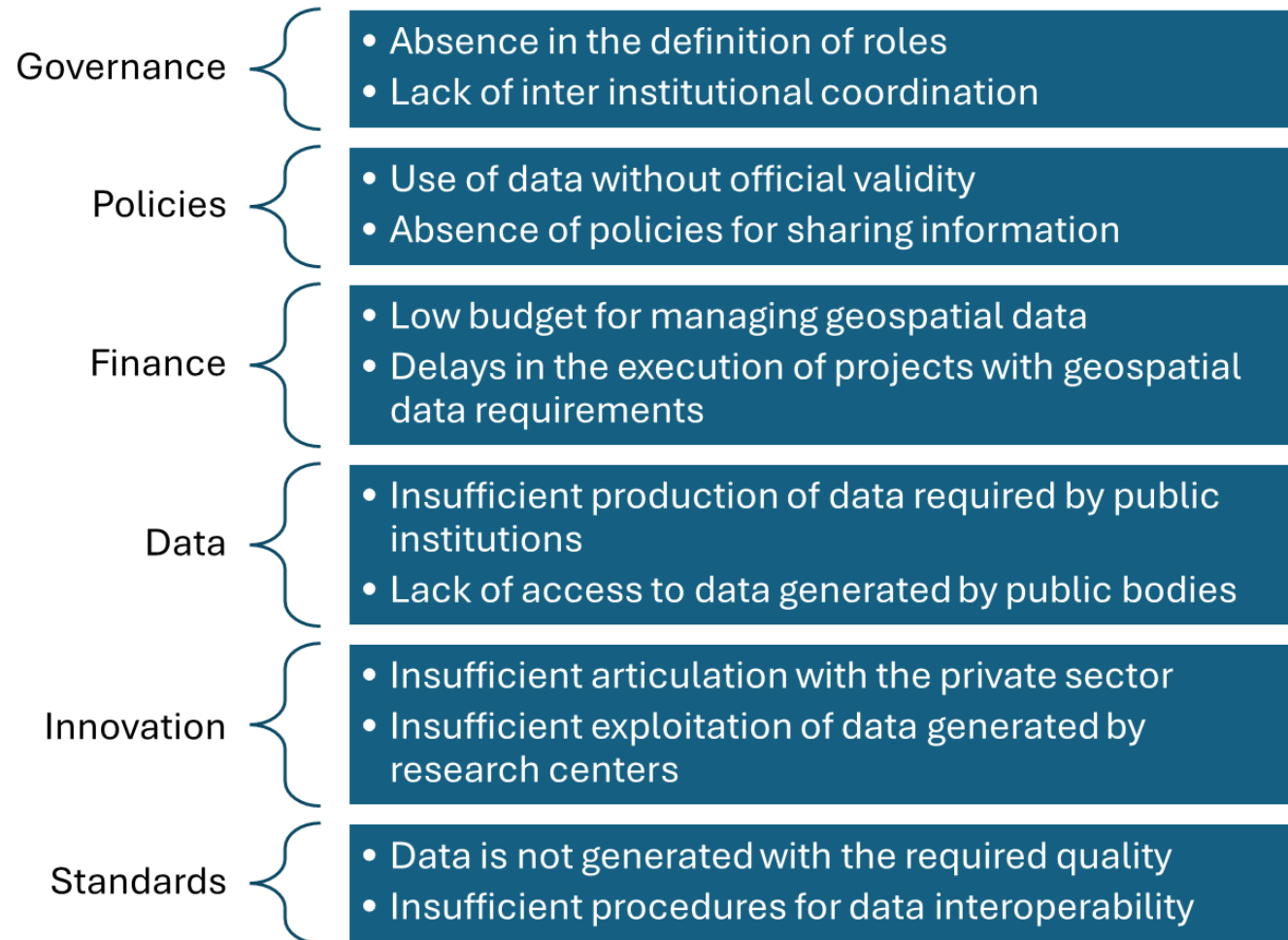


Specific projects have been conducted to **support the integration of statistical and geospatial information**, following the principles of the GSGF.



UN-IGIF have been used to guide the updating of the national policy for geospatial information management in Dominican Republic (still in process)

Within the process of the policy, in a first stage of diagnosis, the findings were systematized under the nine UN-IGIF strategic pathways (in this example we present six of them)



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In this policy document, objectives and guidelines are grouped into nine axes that correspond to these nine strategic pathways. This example refers to six of them.

Governance	Policy and Legal	Finance	Data	Innovation	Standards
<ul style="list-style-type: none">• Develop mechanisms for defining competencies• Strengthen coordination between public institutions• Establish an institutional framework that defines responsibilities and strengthens governance	<ul style="list-style-type: none">• Safeguard the rights and duties associated with the use and exchange of geospatial information• Promote intellectual property regulations and agreements for the exchange and transfer of geospatial information	<ul style="list-style-type: none">• Ensure efficiency in public spending regarding the formulation and execution of investment in geospatial projects• Planned multi-year financial and project plans, in order to comply with national policies and priorities	<ul style="list-style-type: none">• Maintain an updated and unique cartographic database, consisting of fundamental geospatial data• Use an integrated, accessible, reliable and quality geodetic reference system	<ul style="list-style-type: none">• Promote a national innovation agenda in the field of geospatial information management• Promote the implementation of GIS platforms and geoportals in the institutions that make up the IDE	<ul style="list-style-type: none">• Ensure sustainability of the operation of the Technical Committee for the Standardization of Geographic Information• Promote inter-institutional processes for of geospatial validation and/or certification

A similar project has been conducted in Chile, using the UN-IGIF to guide the elaboration of national policy for geospatial information management

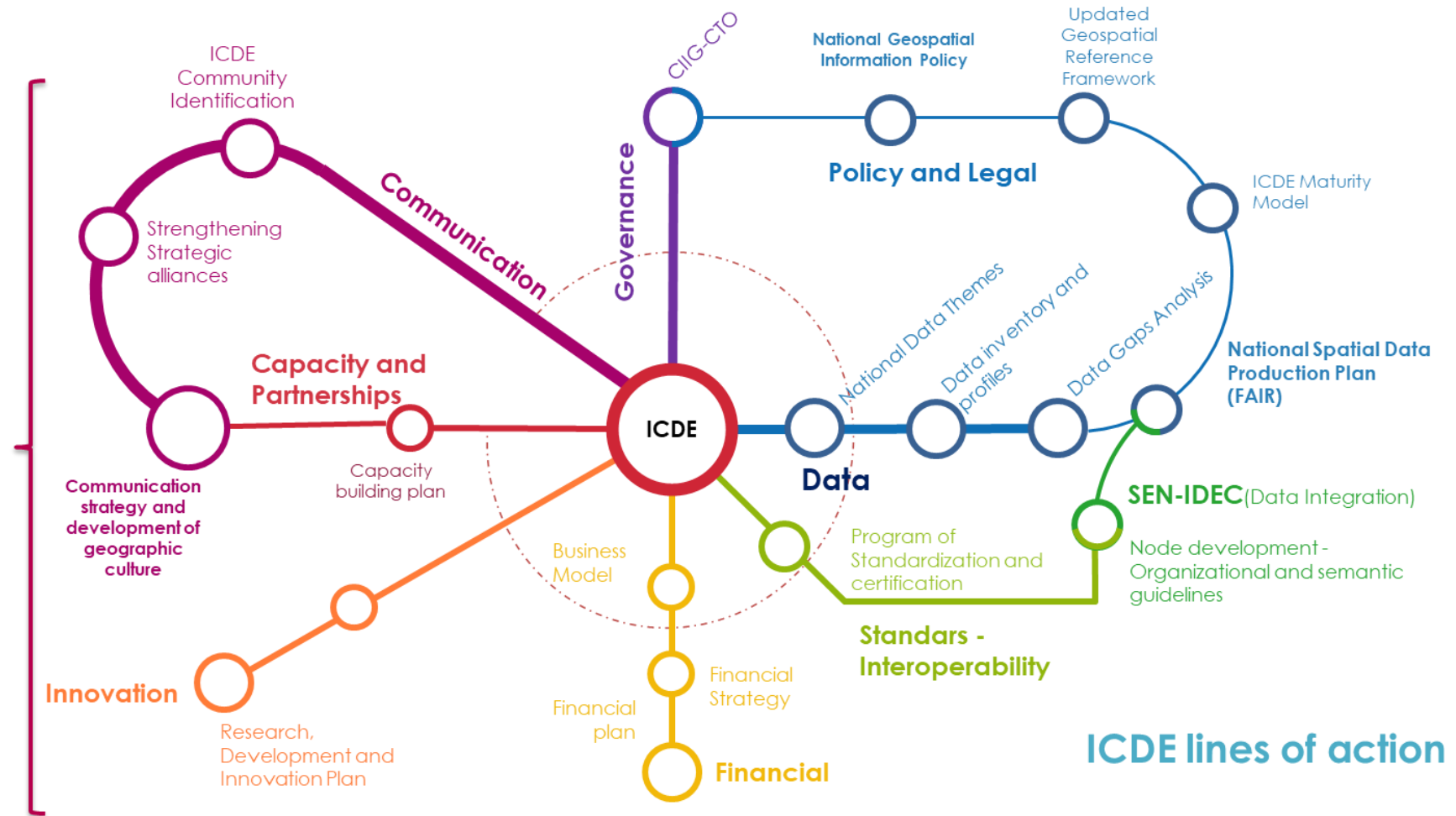
- strengthening leadership
- institutional framework that defines responsibilities
- coordination between the central level and the regions
- data governance model
- geodetic reference system
- agree on required geospatial data
- bonds of trust with academia and citizens
- international collaboration
- intersectoral and interdisciplinary cooperative environment



- making procurement processes more efficient
- free access to information generated with public resources
- geospatial information integration
- quality information, duly documented
- communication and participation plan
- promote the use of information
- increase awareness and level of understanding

UN-IGIF have been used in Colombia to guide the elaboration of a national geospatial information plan

In Colombia, based on an **interinstitutional self assessment exercise**, the coordinating SDI team was able to develop a **proposed plan with actions** framed within the nine UN-IGIF strategic pathways





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In the area of integration of statistical and geospatial information, we have conducted a project (UN Development Account) to strengthen the integration of statistical and geospatial information

National statistical offices and geographic institutes have developed **roadmaps for the integration of statistical and geospatial information.**

(example from Costa Rica)

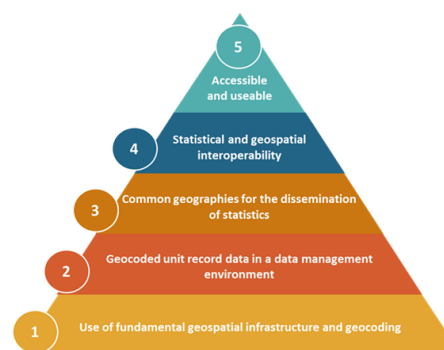
Activities in the areas of **institutional agreements, data management, and technological development** have been scheduled

Schedule GSGF IGN-INEC					
Working group IGN-INEC					
Project start date				Schedule progress bar	
				2/5/2024	
Institutions GSGF					
Preparation of a technical and legal draft of an inter-institutional cooperation agreement.	IGN-INEC	85	100%	05/02/2024	04/30/24
Formalization of the agreement or other document.	IGN-INEC	122	75%	30/04/2024	8/30/2024
Develop an integrated schedule of activities.	ACV	135	75%	01/04/2024	8/14/2024
Preparation and formalization of the document "Form for the publication of thematic geospatial information."	INEC	244	50%	30/04/2024	12/30/2024
Preparation and formalization of the documents "Terms and Conditions for Incorporation into the National Territorial Information System" and the "Form for the Publication of Thematic Geospatial Information."	IGN	92	100%	30/04/2024	7/31/2024
Creation of an inter-institutional working group for the coordination, exchange, and integration of information.	IGN-INEC	31	100%	30/04/2024	5/31/2024
Identification of information-producing institutions and approval of the signing of agreements.	IGN-INEC	150	100%	03/06/2024	10/31/2024
Establishment of a roadmap with information-producing institutions that incorporates resource needs. (PRELIMINARY LIST)	IGN-INEC	150	100%	03/06/2024	10/31/2024

A relevant outcome of this project has been strengthening institutional arrangements for the collaborative and integrated work between statistical and geospatial agencies



We are pleased to report that in two countries, the Dominican Republic and Costa Rica, **statistical offices and geographical institutes have already formalized memoranda of understanding (MOU)** to define the terms of cooperation and ensure the long-term sustainability of the work.



These MOU commit the implementation of the five principles of the GSGF

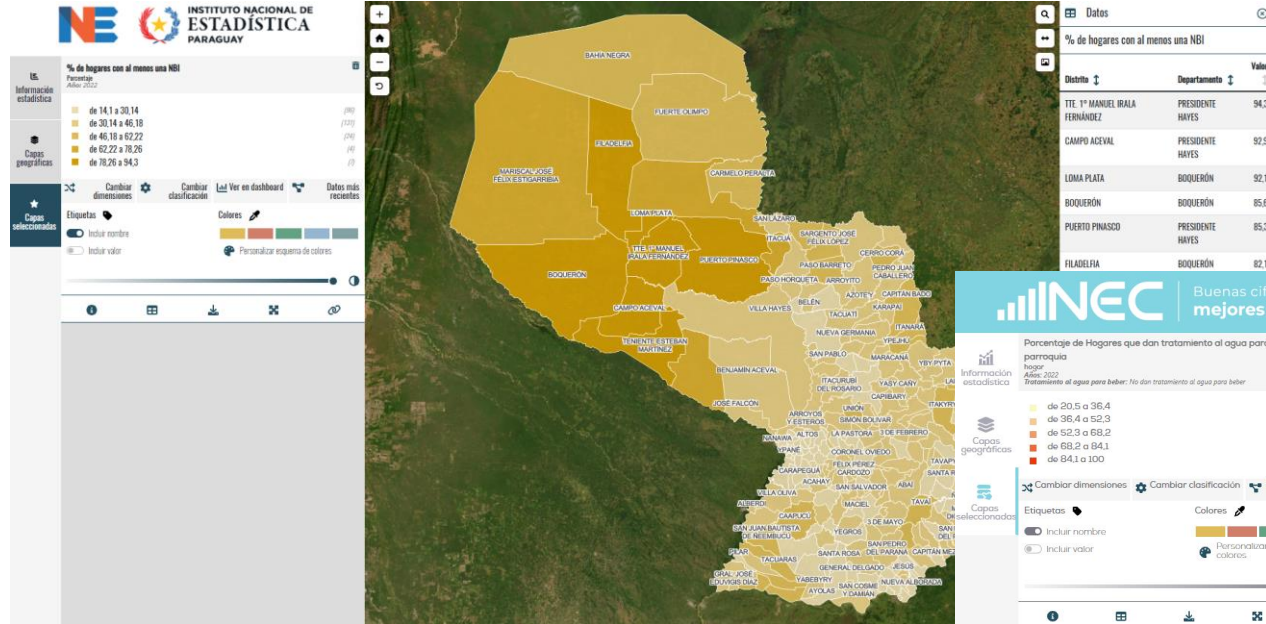


Another relevant initiative is the implementation of geoportals in the statistical offices. This was carried out in the context of collaboration with the European Union.

The beneficiary countries currently have a **powerful tool for disseminating data** generated by various statistical operations, disaggregated by territory, to support decision-making and public policies.



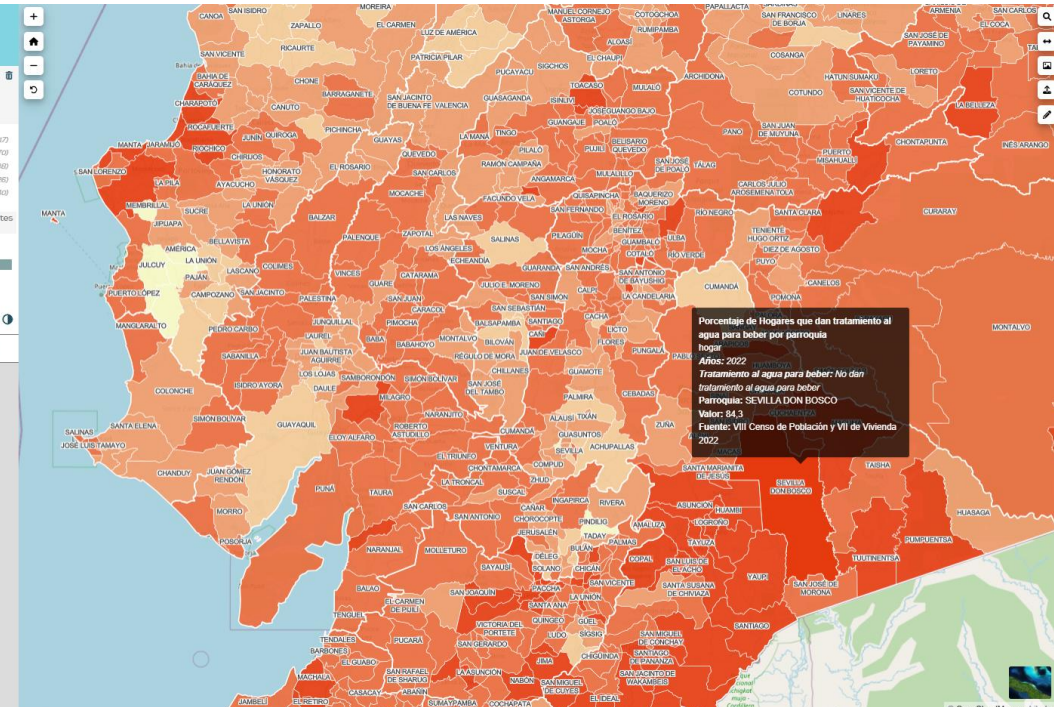
National examples of geoportals implemented in the Statistics Offices



Ecuador



Paraguay





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