

Expert Consultation and Meeting on Enhancing Geospatial Information Management Arrangements and Accelerating Implementation of the Sustainable Development Goals, and the Sub-regional Workshop on the United Nations Integrated Geospatial Information Framework (UN-IGIF) for Central America and neighbouring Latin American countries

Implementing geospatial strategies: challenges and opportunities

QUESTIONNAIRE ON GEOSPATIAL INFORMATION MANAGEMENT AT THE NATIONAL LEVEL

**Panama City, Panama
1-5 December 2025**



Enhancing Geospatial Information Management arrangements Accelerating the Implementation of the SDGs

Sub-regional Workshop on UN-IGIF for the Central America and neighbouring Latin American countries

Work Group: UN-IGIF Américas

General Objective:

To advance in the implementation of the IGIF in the region, supported by HLG initiatives and through the recommendations and actions carried out by regional groups and networks.

The collaborative work of all the countries that share actions and good practices in this field of Geospatial Information with a view to the formulation of national plans that contemplate the 9 strategic paths.



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Gain greater knowledge

About the Integrated Geospatial Information Framework (9 pathways) in the countries of the region

Results

Detailed knowledge of each strategic avenue of the IGIF and greater dissemination of information about the IGIF.



Evaluation/assessment of IGIF implementation.

Increase the implementation of IGIF in the region.

know the degree of individual implementation of each country, with respect to the IGIF



Communicate and disseminate

Communicate and disseminate actions that help countries to implement and understand the IGIF

Greater efficiency in the communications and disclosures of the working group.



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Webinars

Implementing strategic track 6 “Standards”



4th VIRTUAL WEBINAR

CONVERSATIONS ON THE INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK (UN-IGIF)

UN-GGIM:Americas UN-IGIF

jun 25, 2025
12:00 hours (UTC/GMT-4)

Facilitated by UN-GGIM: Americas

Gerkey Soto
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ICDE

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Strategic Path 6: Standards

This Strategic Pathway is based on the principle of the use of geospatial standards to optimize the management of geospatial information, including the collection, application and sharing of geographic information.



5th VIRTUAL WEBINAR

CONVERSATIONS ON THE INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK (UN-IGIF)

UN-GGIM:Americas UN-IGIF

Oct 21, 2025
12:00 hours (UTC/GMT-3)

Facilitated by UN-GGIM: Americas

Andrew Coote
Director
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John Kedar
Geospatial Initiatives Ltd

Lilia Arias
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Strategic Pathway 3: Financial

The "Finance" track refers to the existence of financial allocations for geospatial information management covered as part of a national budget or if any study or analysis has been carried out to identify cost-benefits in the field of integrated geospatial information.



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Webinar Runs



Governance and
Institutions

2024



Policy and
Legislation

2024



Data

2024



Financial

2025, oct



Standars

2025, jun



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QUESTIONNAIRE ON GEOSPATIAL INFORMATION MANAGEMENT AT THE NATIONAL LEVEL

Overview:

- Conducted between 24 to 29 and october 2025.
- Purpose: To understand the implementation status of the 9 strategic pathways of the UN-IGIF in the region.

Key Findings:

- Implementation Status:
 - Number of countries implementing each strategic pathway.
 - Levels of knowledge and awareness about the UN-IGIF.
- Challenges Identified:
 - Resource limitations.
 - Need for technical support and capacity building.

Importance:

- Provides baseline data for planning future activities.
- Highlights areas requiring focused support and intervention.

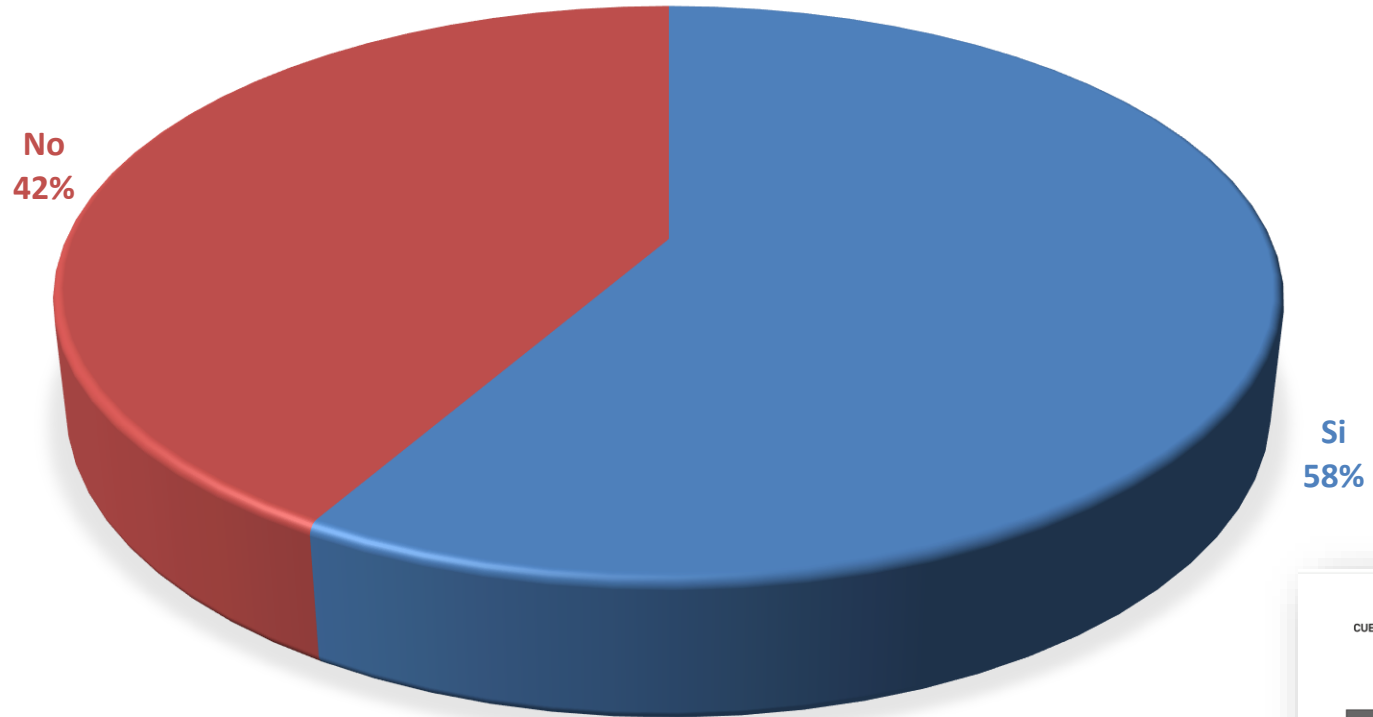


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Important aspects of the Questionnaire

As of October 30, they have received 29 responses from a total of 36 countries that make up UN-GGIM: Americas.



Questionnaire on the management of the Geospatial information at the national level

Report

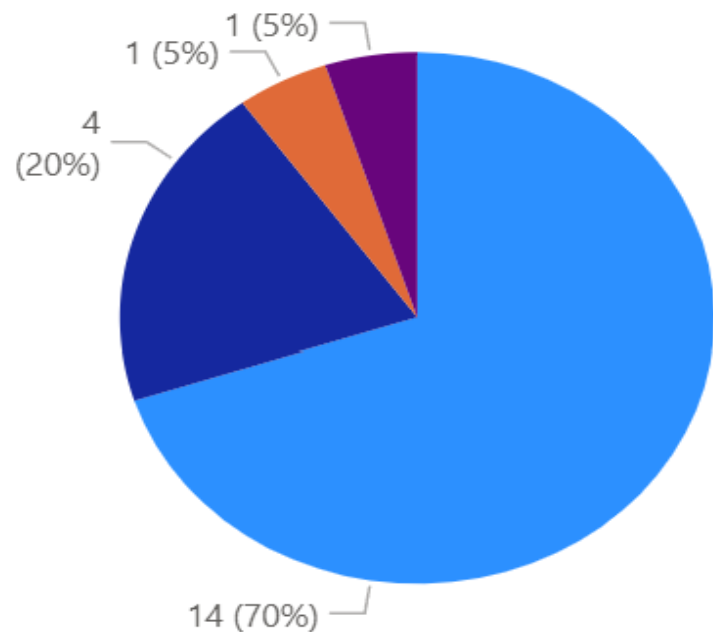


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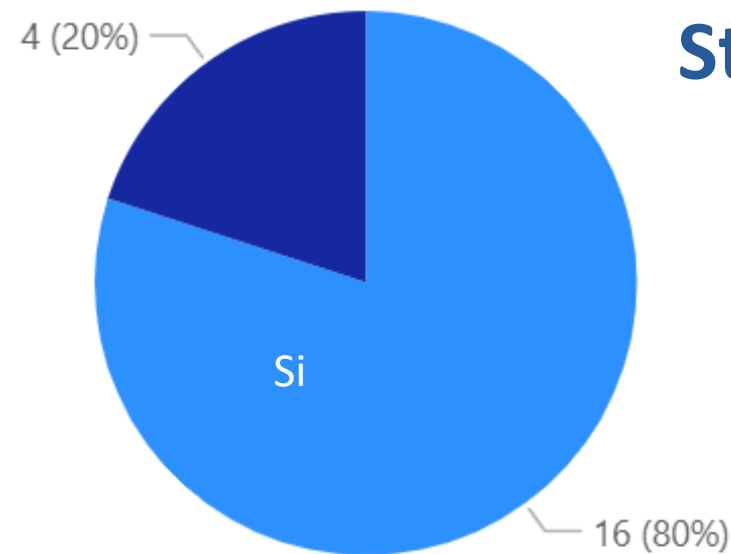
Important aspects of the Questionnaire

Financial



Funding for geospatial information management comes from a centralized budget that is distributed among the different institutions that generate and use geospatial information

Cost-Benefit Study

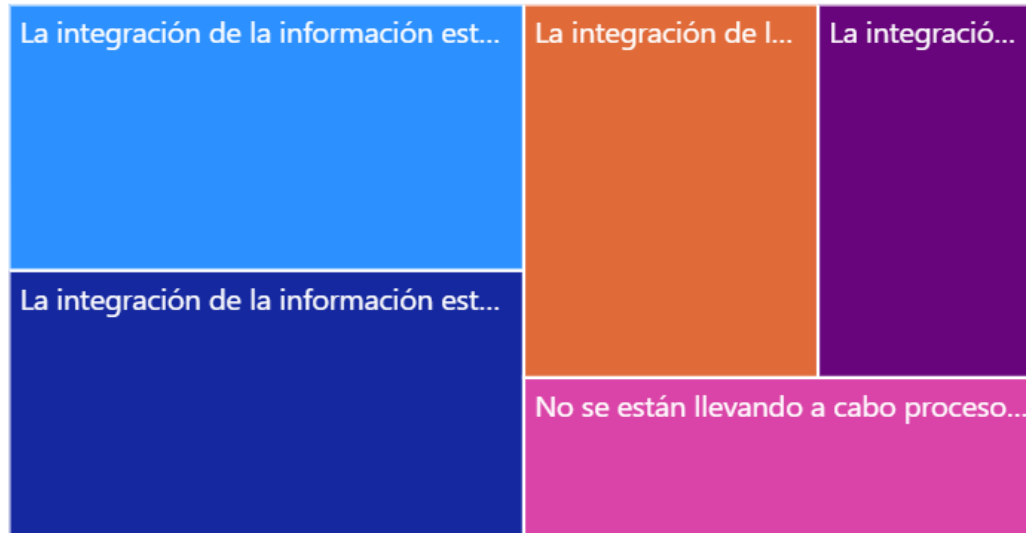


Has any study or analysis been carried out in your country to identify cost-benefits in the area of integrated geospatial information?

Important aspects of the Questionnaire

Data

Respecto a la integración de la información estadística y geoespacial, indique qué aseveración se ajusta a la realidad de su país:



En qué medida los acervos de información geoespacial del país se encuentran documentados a través de metadatos:

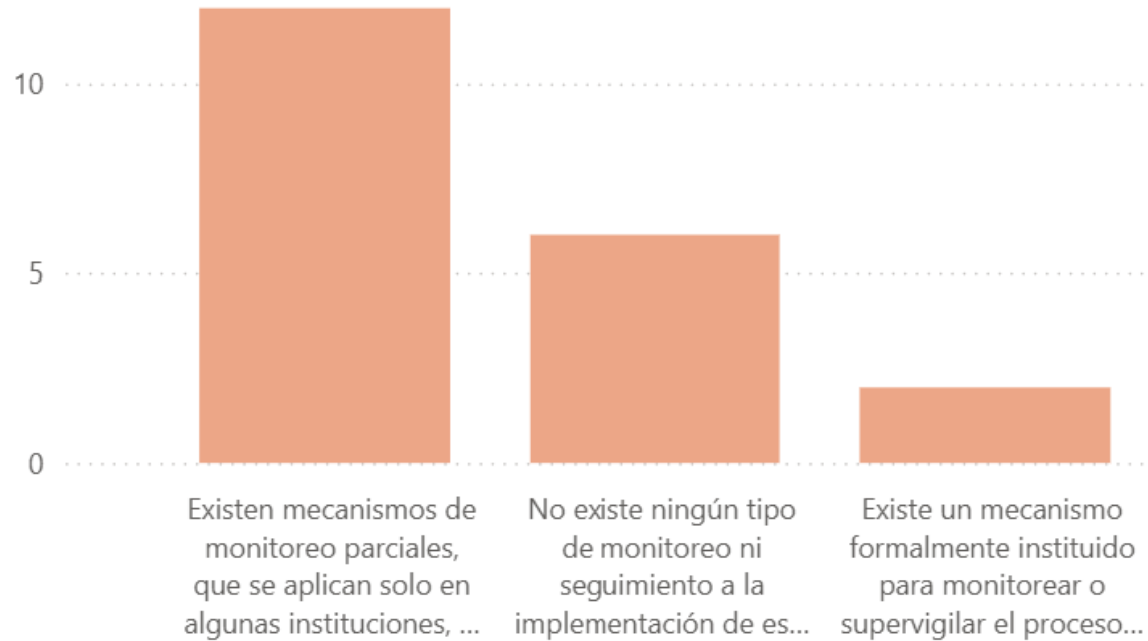


There are defined datasets
 There are National Inventories
 There is still work to be done on studies and analysis of gaps or gaps in information

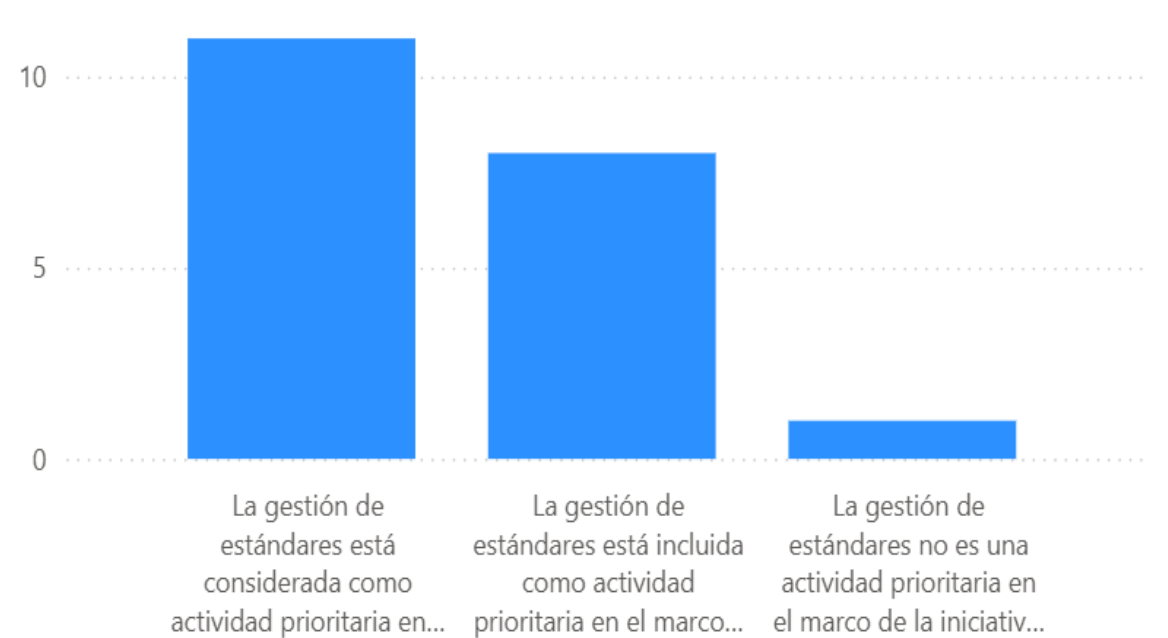
Important aspects of the Questionnaire

Standards

Respecto a la implementación de estándares sobre información geoespacial a nivel nacional, indique qué aseveración se ajusta a la realidad de su país:

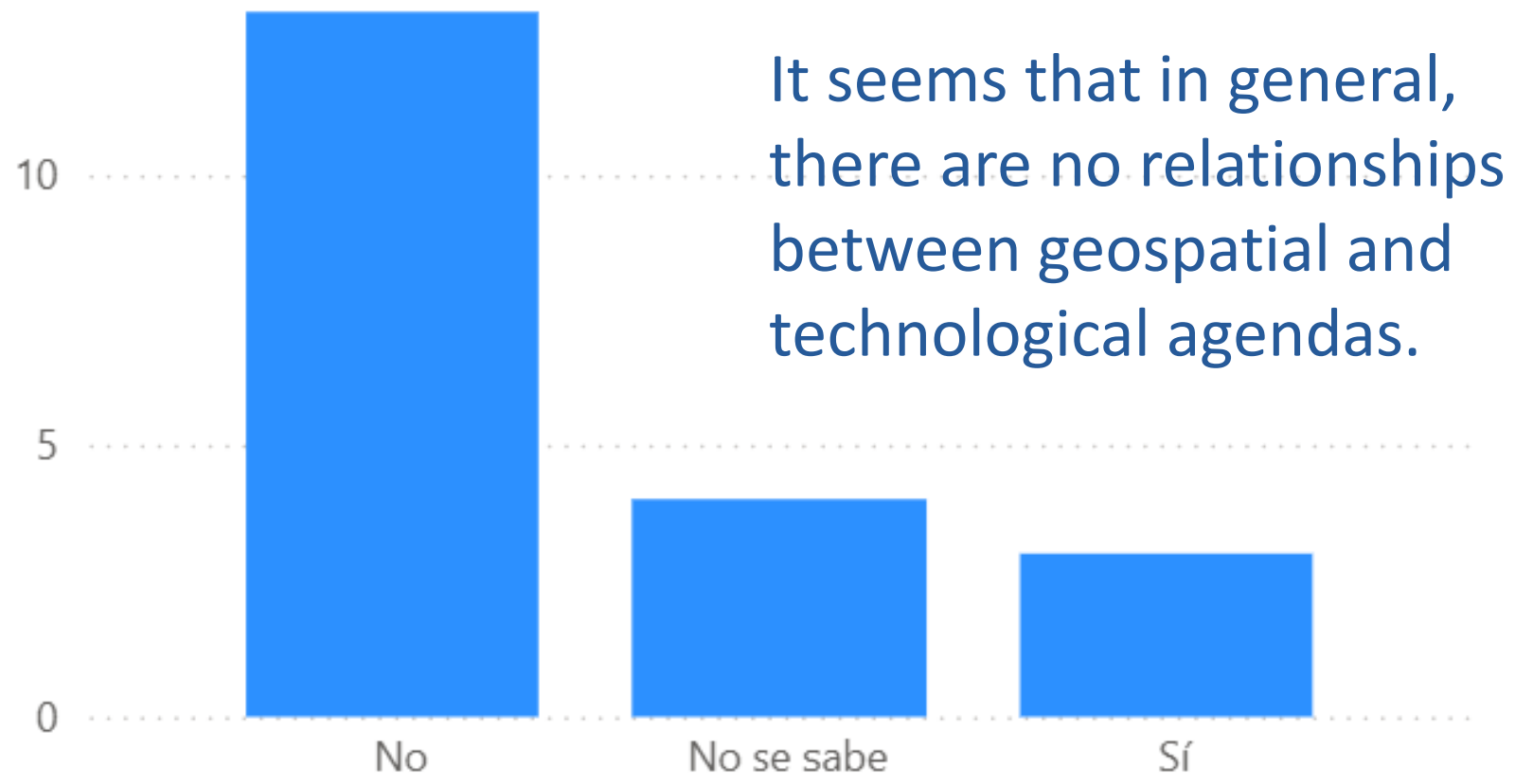


Respecto a la gobernanza de estándares geoespaciales, indique qué aseveración se ajusta a la realidad de su país:



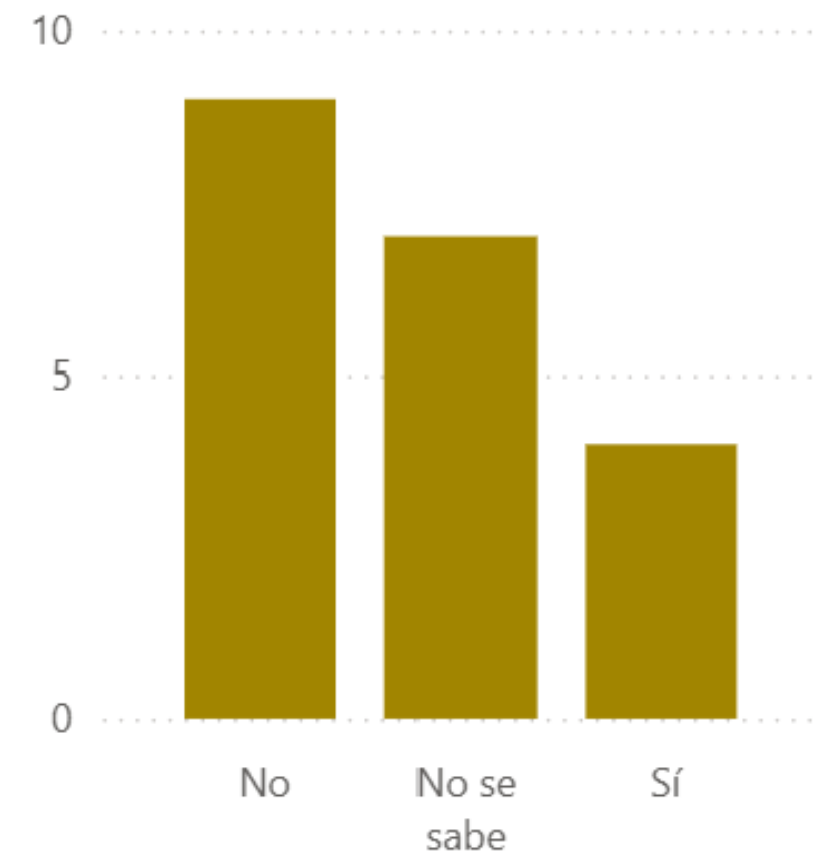
In general, the importance of standards is recognized, but greater understanding of their application and monitoring is required.

En su país ¿Existe una estrategia nacional para la innovación en el ámbito de la información geoespacial?



It seems that in general, there are no relationships between geospatial and technological agendas.

En su país ¿El desarrollo de la información geoespacial está inserto dentro de la agenda nacional de innovación?



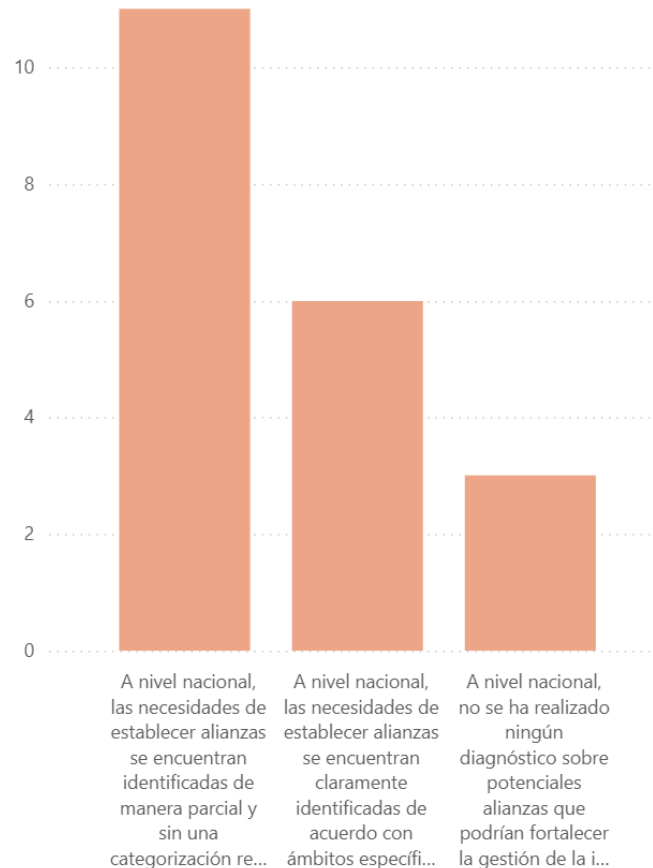
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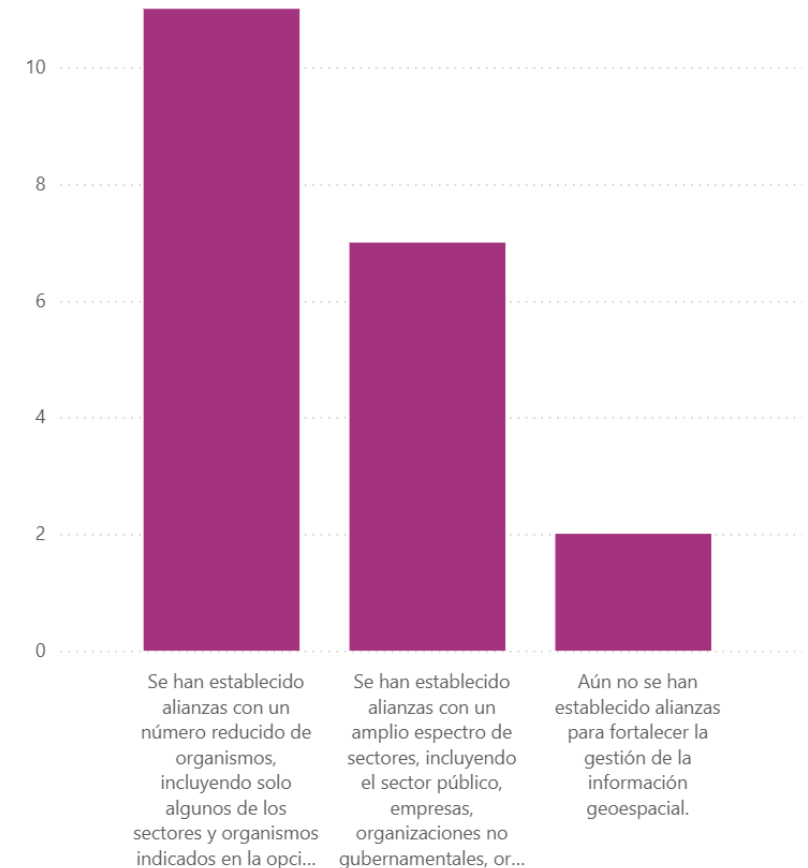
Aliance

One aspect is that the need to establish alliances is recognized and they exist or are in the process of being realized.

Respecto a materialización de alianzas para potenciar el desarrollo de la información geoespacial a nivel nacional, indique qué aseveración se ajusta a la realidad de su país:



Respecto de las alianzas actualmente en operación para fortalecer la gestión de la información geoespacial, indique qué aseveración se ajusta a la realidad de su país



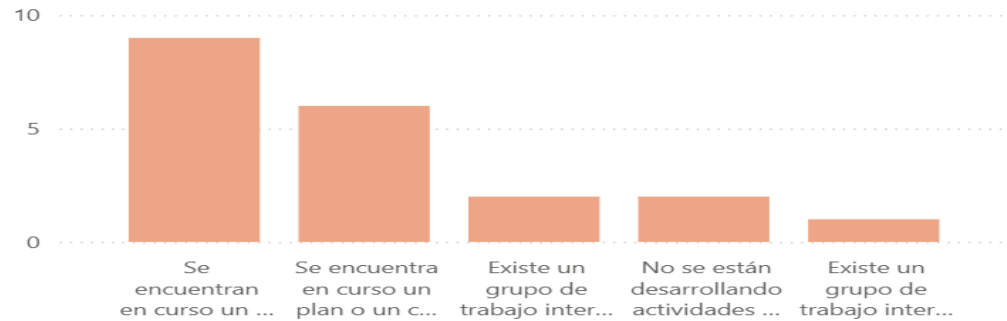
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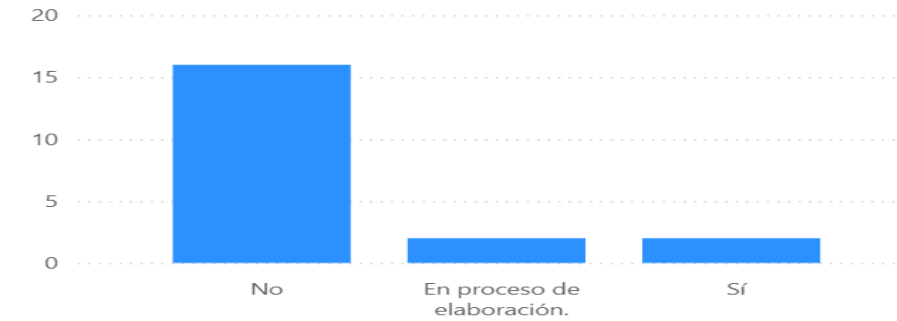
Important aspects of the Questionnaire

Capacity and Education

Respecto al tratamiento de los objetivos de fortalecimiento de capacidades geoespaciales a nivel nacional, indique qué aseveración se ajusta a la realidad de su país:

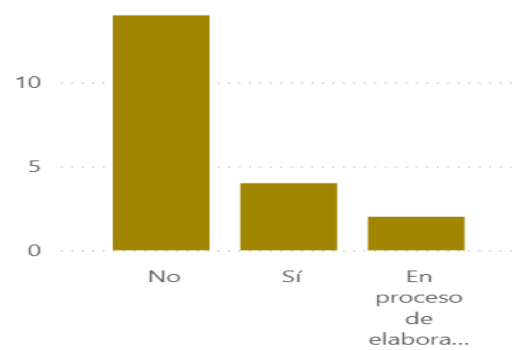


En su país ¿Existe un inventario a nivel nacional, sobre los recursos humanos que están dando soporte al desarrollo geoespacial del país, y sus conocimientos y habilidades específicas?

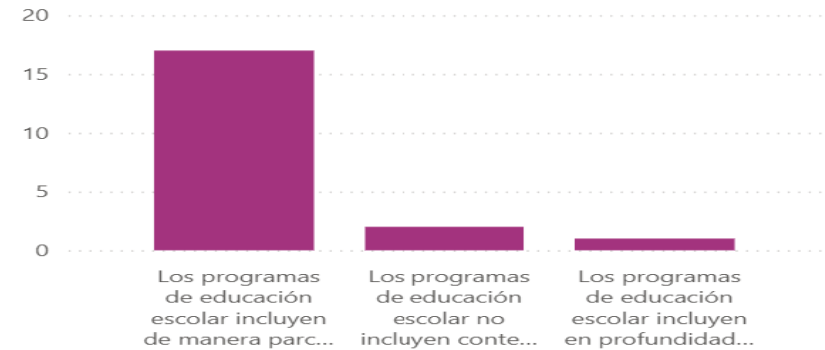


One of the areas that requires the most attention is education and skills... Knowing the professional offer and what the learning strengths strengthen the human resource.

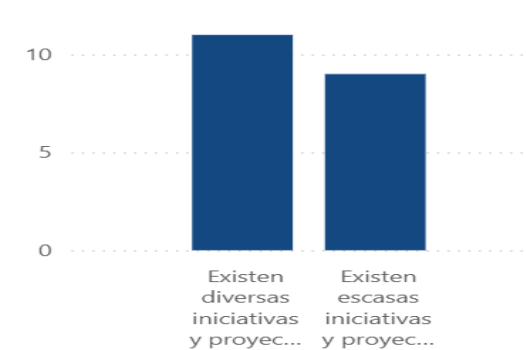
En su país ¿Existe un inventario a nivel nacional sobre la oferta académica (pregrado, diplomados, maestrías, doctorados, cursos ...



Respecto a la incorporación de contenidos geoespaciales/geográficos en los programas de educación escolar, indique qué aseveración se ajusta a la realidad de su país:



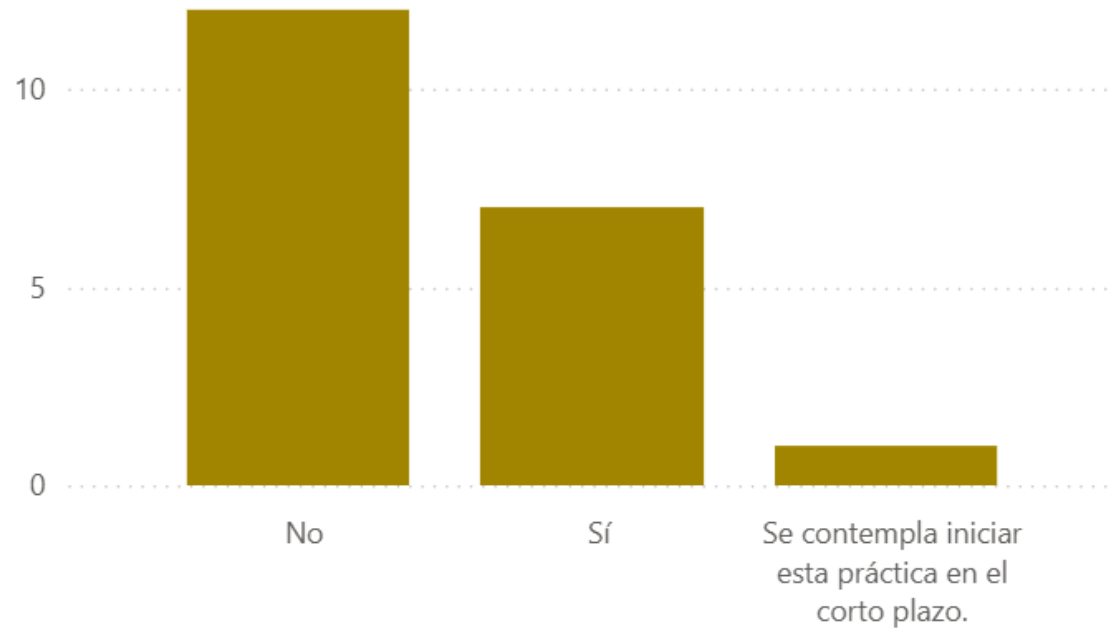
Respecto a la investigación académica en materias geoespaciales, indique qué aseveración se ajusta a la realidad de su país:



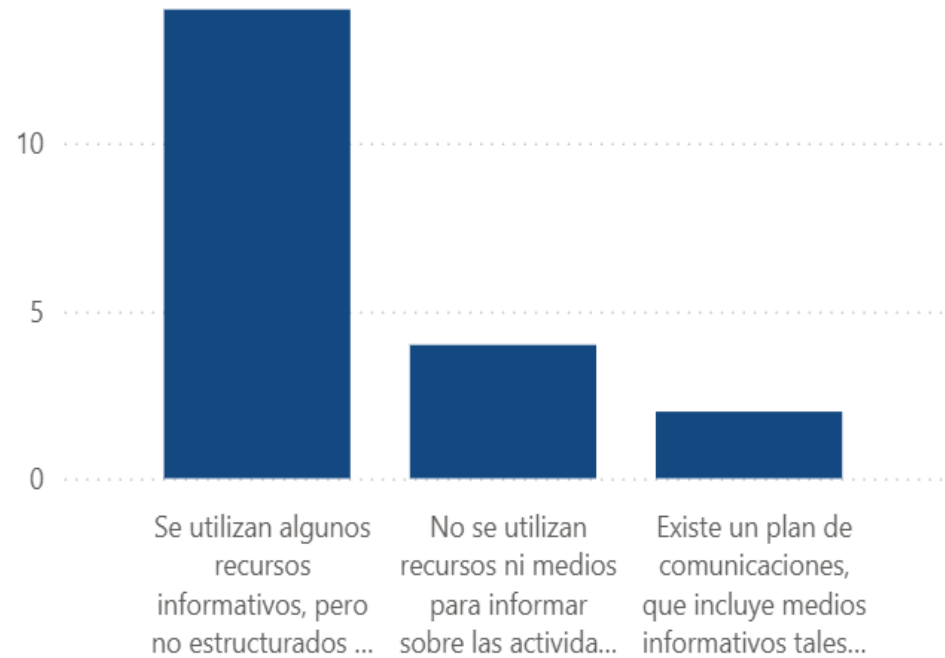
Important aspects of the Questionnaire

Communications

En su país ¿se realiza anualmente un seminario nacional para compartir los avances en el desarrollo de la información geoespacial, en que diversos actores pueden compartir sus trabajos?



Respecto a la difusión de las actividades relacionadas con la información geoespacial, indique qué aseveración se ajusta a la realidad de su país:



Strengthening the development of communication plans for geospatial information is crucial in outreach processes



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Thanks



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