

**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**

**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**

# COLOMBIA

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# Where is your country today in enhancing the management and use of geospatial information?



## **ICDE consolidated as the national geospatial information ecosystem**

*Formalized through Resolution 899/2023.*



## **PEIGN 2024–2027 implementation aligned with the IGIF**

*Guiding national geospatial governance and integration efforts.*



## **Progress in interoperability between statistical and geospatial information**

*Using common geographies and standardized structures.*



## **Development of key platforms and geoservices**

- ICDE
- GovTech Innovation Lab
- Geostatistical Data Center



## **Updated national geospatial frameworks**

*Geospatial Reference Framework and National Geospatial Information Policy.*



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# Where does your country aim to be in the next five years?



**Consolidate the ICDE as the national administrator of geospatial data**



**Fully implement the National Geospatial Information Policy**



**Strengthen inter-institutional and territorial coordination**



**Establish a robust, solid, and sustainable governance model**



**Ensure a strong and coherent legal framework for geospatial management**



**Develop a long-term sustainable financial model for the ICDE**



**Achieve a fully interoperable national infrastructure with integrated master data**



**Strengthen technical capacities across all levels of government**

*To enable the use of new technologies and emerging data sources.*



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# What do you see as the main challenges in reaching this “ideal” situation within the next five years?

 The ICDE requires a stronger legal framework, beyond what is established by a resolution.

 Lack of long-term financial sustainability

 Technical and technological gaps across sectors and levels of government

 Outdated or heterogeneous datasets

 Need to harmonize concepts between IDEC, ICDE, and related policies

 Insufficient integration of territorial entities and communities



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# What potential opportunities could help address some or all of these challenges?



## **Progress in legal and regulatory analysis**

*To strengthen ICDE governance, the Governance Framework, and the formulation of the Nat. Geospatial Data Policy.*



## **Advancement of national initiatives**

*Including the PND, SAT, and the Multipurpose Cadastre.*



## **International cooperation**

*With UN-GGIM, IDB, World Bank, ECLAC, and other partners.*



## **Implementation of the ICDE business model**

*And securing long-term (10-year) financing.*



## **Expansion of the Geo-Statistical Data Center**



## **Territorial strengthening**

*Through Territorial Nodes, sectoral nodes, Regional IDES, and Strategic Information Systems.*



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# How familiar are you with UN-GGIM, the UN-GGKIC, the IGIF, and the CAP?



## **Active participation**

*In the annual sessions of UN-GGIM.*



## **Use of the IGIF as the main framework**

*Guiding the PEIGN and national geospatial planning.*



## **Leadership roles within UN-GGIM Americas**

- Coordinator of the Working Group on Statistical and Geospatial Information Integration (GT-IIEG)
- Representative for South America in UN-GGIM Americas



## **Recent membership in the UN-GGIM High-Level Group**

*Strengthening Colombia's engagement and strategic contributions.*



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# What kind of support would you like to receive from UN-GGIM, UN-GGKIC, or other partners?



## **Technical assistance**

*To strengthen the governance model of the ICDE.*



**Support to harmonize standards and definitions:** *At both regional and national levels.*



**Support for the formulation of the National Geospatial Information Policy**



**Guidance for developing the ICDE financial model**



**Training and capacity building:** *For both territorial and sectoral levels.*

**International exchange on geospatial AI and innovation**



**Development of regional pilots and high-impact use cases**



**Access to methodologies:** *To estimate the public value of geospatial data.*



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