



# SDI Chile

## National Spatial Data Infrastructure of Chile



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SDI Chile



Ministerio de Bienes Nacionales

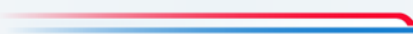


The National Spatial Data Infrastructure of Chile (IDE Chile) is a **network of institutions** that work in a coordinated and collaborative manner with the objective of making **updated, reliable geospatial information** available to the entire community. This information supports **public and private management** and addresses the interests and needs of citizens.

[www.ide.cl](http://www.ide.cl)

# SDI Chile

## SPATIAL DATA INFRASTRUCTURE OF CHILE





## SDI Chile

### Objetive and background



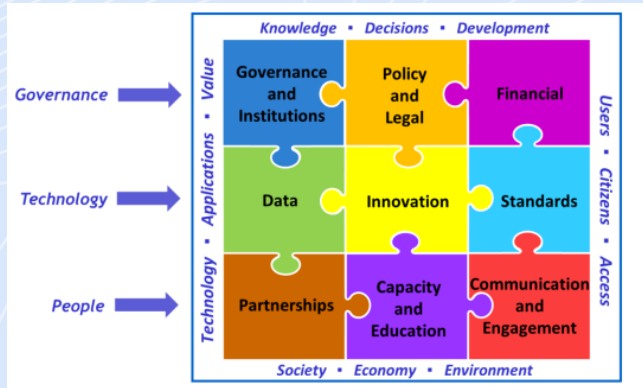
To promote **geospatial data governance** in order to strengthen **innovation based on geospatial intelligence**, providing tools that support **evidence-based decision-making**.



The National System for the Coordination of Territorial Information (SNIT or IDE Chile) was established through **Supreme Decree No. 28-2006** of the Ministry of National Assets.

This decree establishes its governance through the **Council of Ministers for Territorial Information** and creates an **Executive Secretariat** responsible for the system's operational coordination.

# How does IDE Chile implement the UN-IGIF?



Chile uses the UN-IGIF as a **guiding framework**, not as a theoretical exercise.



The UN-IGIF is implemented through a **National Geospatial Information Policy** and a **National Action Plan** developed based on the principles and guidance of this framework.

REPUBLICA DE CHILE  
MINISTERIO DE BIENES NACIONALES  
DIVISION JURIDICA  
Doc. Cond N° 669513  
C/O: 14/05/2024

APRUEBA POLITICA NACIONAL DE INFORMACION GEOESPACIAL.

SANTIAGO, 21 AGO 2024

N° 26

Ministerio de Bienes Nacionales

Registro  
y 1° Jefe

MINISTERIO DE BIENES NACIONALES  
OFICINA DE PARTES

RECIBIDO

CONTRALORIA GENERAL  
TOMA DE RAZON

RECEPCION

DEPART. JURIDICO	
DEPART. CONTABIL.	
DEPART. Y REGISTRO	
DEPART. CONTABIL.	
SUB. DEPT. CENTRAL	
SUB. DEPT. CUENTAS	
SUB. DEPT. BIENES NAC.	
DEPART. AUDITORIA	
DEPART. V.O.P./J.T	
SUB. DEPT. MUNICIP.	

REFRENDACION

REF. FOM. INPUTAC. \_\_\_\_\_

AUCT. FOM. INPUTAC. \_\_\_\_\_

DECUC. DTO. \_\_\_\_\_

CONSIDERANDO:

1° Que, el Estado, como promotor del bien común y desarrollo nacional, en el marco de sus atribuciones, debe adoptar políticas y ejecutar acciones de manera de proveer los medios necesarios destinados a cumplir dichos fines.

2° Que, para cumplir satisfactoriamente esta función administrativa, la información territorial es un aspecto fundamental para el proceso de toma de decisiones en el ejercicio de la función pública, las que deberán basarse en una eficiente gestión territorial.

3° Que, por consiguiente, es función del Ministerio de Bienes Nacionales proponer y controlar el cumplimiento de las normas destinadas a la formación y conservación actualizada del catastro de los bienes nacionales de uso público, los bienes raíces de propiedad fiscal, y los de todas las entidades del Estado, manteniendo actualizado dicho catastro general de bienes.

## Plan de Acción

Política Nacional de Información Geoespacial 2025

Secretaría Ejecutiva de la Infraestructura de Datos Geoespaciales de Chile (IDE Chile)  
A cargo del Sistema Nacional de Información Territorial (SNIT)

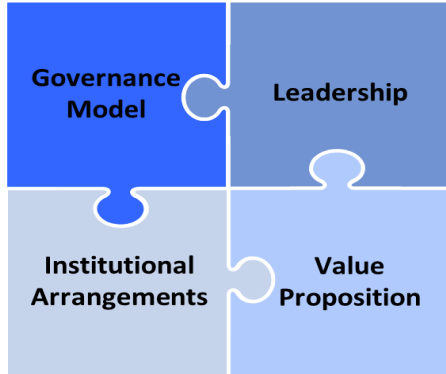


2025



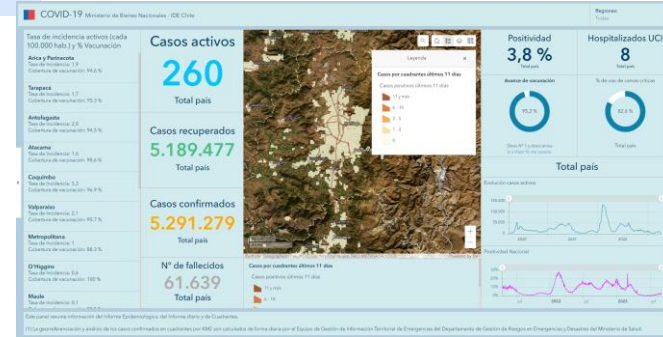
# Key Achievements in the Implementation of the UN-IGIF

## STRATEGIC PATHWAY 1 Governance and Institutions



## Achievements

- Established governance model
- Sustained institutional leadership
- Strengthened value proposition and cooperation



# Key Achievements in the Implementation of the UN-IGIF

## STRATEGIC PATHWAY 2 Policy and Legal



## Achievements

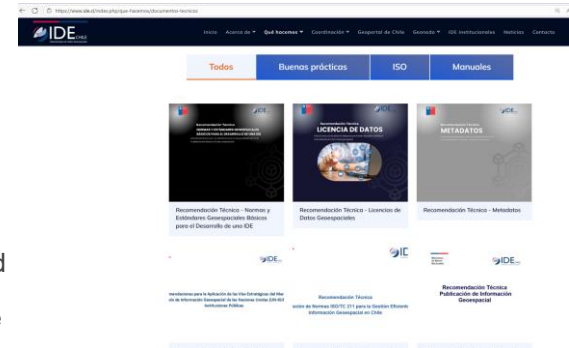


Legal framework supporting the coordination of geospatial information in the country (IDE Chile).

Existence of an active National Geospatial Information Policy.

Multisector legal and regulatory foundations that ensure transparency, data management, cybersecurity, access to information, personal data protection, and digital transformation.

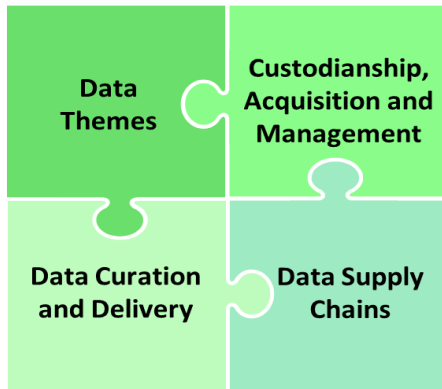
Development of technical standards, guidelines, and best practices for the management and interoperability of geospatial information through the national portal.





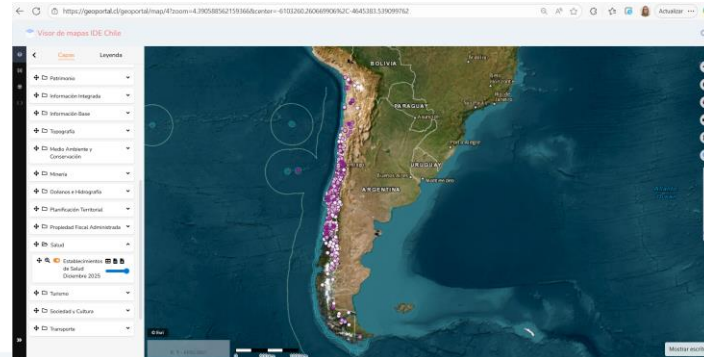
# Key Achievements in the Implementation of the UN-IGIF

## STRATEGIC PATHWAY 4 Data



## Achievements

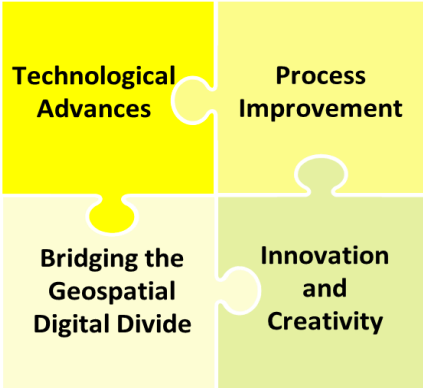
- Progress in national fundamental geospatial datasets (roads, administrative boundaries, hydrography).
- National distributed data custodianship model with access via [www.ide.cl](http://www.ide.cl).
- Data governance, quality and interoperability coordinated by IDE Chile.
- Progress in interoperable data integration across government.
- Established workflows for geospatial data update and use.
- IDE Chile Geoportál consolidated as the national platform.
- Open access, visualization and download of geospatial data.



# Key Achievements in the Implementation of the UN-IGIF

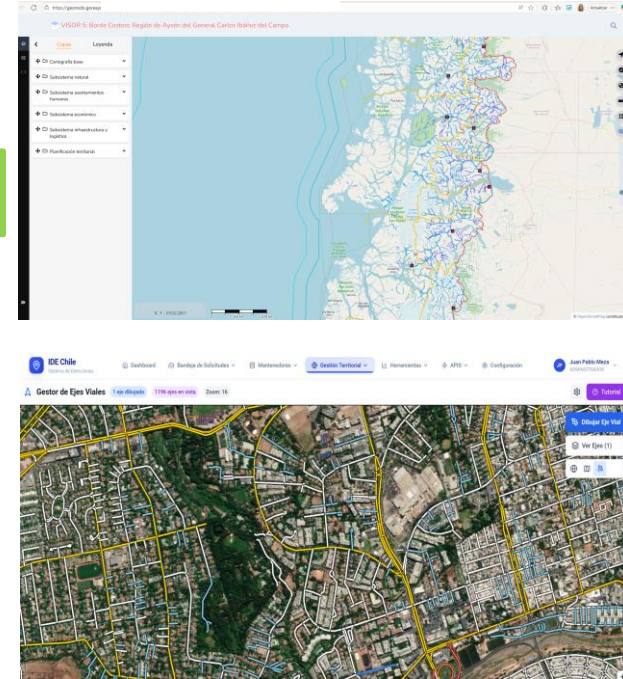


## STRATEGIC PATHWAY 5 Innovation



## Achievements

- Development of the open-source GeoNodo tool for geospatial data management, provided free of charge to public organizations, including support for installation and updates.
- Development of a national platform for road network and address management, enabling agile and decentralized data updates (currently under development).
- Promotion of innovation in the public sector through open standards, open-source software, collaboration, and jointly developed geospatial solutions.



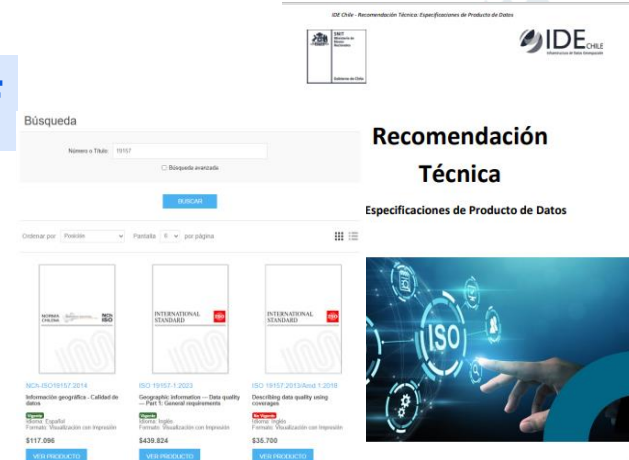
# Key Achievements in the Implementation of the UN-IGIF

## STRATEGIC PATHWAY 6 Standars



## Achievements

- Since 2012, the National Standards Committee has translated 27 ISO/TC 211 standards into Spanish and made them available to public institutions.
- Technical recommendations have been developed to support the implementation of geospatial standards at the national level.
- In-person and online training has been delivered to strengthen institutional capacities in standards implementation.
- OGC standards have been actively promoted for adoption and use across public sector systems.





## Key Achievements in the Implementation of the UN-IGIF

### STRATEGIC PATHWAY 7 Partnerships



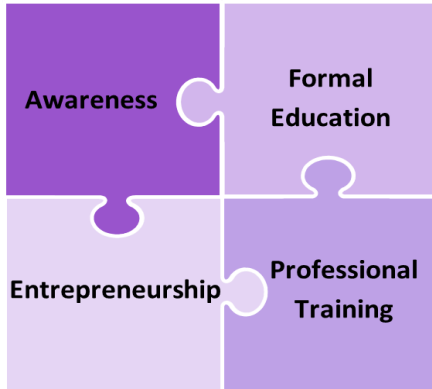
## Achievements



- Establishment of a public-private coordination committee and strengthening of collaboration with academia to support coordination and cooperation in the implementation of UN-IGIF.
- Development of the GeoNode user community, enabling the sharing of experiences, technical knowledge, development resources, and best practices.
- Strengthening multisectoral collaboration (agreements) to support the development of the national geospatial ecosystem.
- Active participation in UN-GGIM and collaboration with partner countries — including Argentina, the Dominican Republic, Honduras and Canada — to exchange experiences and best practices.

# Key Achievements in the Implementation of the UN-IGIF

## STRATEGIC PATHWAY 8 Capacity and Education



## Achievements

- Development of a national e-learning platform providing free self-paced geospatial training courses for public institutions.
- Promotion and visibility of academic programs and educational opportunities in geospatial information and related fields.



Desarrollo y actualización continua de competencias profesionales en el ámbito Geoespacial

Formación de profesionales con las nuevas metodologías de Secretaría Ejecutiva, desarrollo que transforme el día con los otros sectores y fomentar la mejora continua de los profesionales profesionales.

3485

Usuarios activos accediendo a nuestros cursos

5

Cursos hechos por sí



## 5 conocimiento Formación constante en el ámbito geoespacial y temas de vanguardia.

IDE CHILE te conecta con oportunidades de Educación Continua ofrecidas por diversas instituciones, enfocadas en el ámbito geoespacial y temas de vanguardia. A través de estos programas, podrás ampliar y actualizar tus conocimientos y competencias, apoyando tu desarrollo profesional!

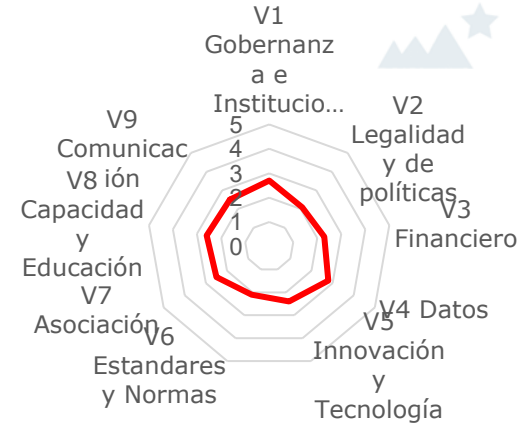


# Key Achievements in the Implementation of the UN-IGIF

## STRATEGIC PATHWAY 9 Communication and Engagement Achievements



- Implementation of the IDE Chile National Assessment Survey, based on the UN-IGIF, to measure progress, gaps and priorities in geospatial information management.
- Promotion of awareness and understanding of the value of geospatial information through technical and high-level meetings, social media, the IDE Chile Annual Conference, and the institutional newsletter.
- Strengthening the national geospatial ecosystem through coordination with public policy areas of national priority, such as emergency and disaster management, territorial planning, and government priority agendas.





## Final thoughts

- The UN-IGIF has been a key driver of geospatial development in Chile, providing a practical and strategic framework for strengthening national geospatial governance and implementation.
- While significant progress has been made, challenges remain, particularly in terms of sustainable financing and other priority areas, which require continued coordinated efforts.
- For Chile, the UN-IGIF provides clear guidance and a structured pathway to help address these gaps and support the continued strengthening of the national geospatial ecosystem.



# Thank you!



**CHILE  
AVANZA  
CONTIGO**

