

**2° CONVERSATORIO VIRTUAL**  
**2° VIRTUAL WEBINAR**

# **CONVERSEMOS SOBRE EL MARCO INTEGRADO DE INFORMACIÓN GEOESPACIAL (UN-IGIF): AVANCES IDE CHILE**

**CONVERSATIONS ON THE INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK  
(UN-IGIF): CHILE'S SDI PROGRESS**

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26 de junio 2024  
June 26, 2024

**Vía Estratégica N°2: Política y Legislación**  
**Strategic Pathway N°2: Policy and Legal**



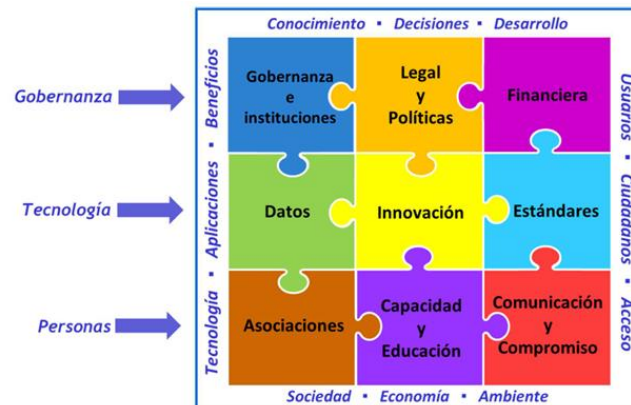
**UN-GGIM:Americas**  
REGIONAL COMMITTEE OF UNITED NATIONS  
ON GLOBAL GEOSPATIAL INFORMATION  
MANAGEMENT FOR THE AMERICAS



**UN-IGIF**  
INTEGRATED GEOSPATIAL  
INFORMATION FRAMEWORK

# SDI CHILE / UN-IGIF

- SDI Chile is a promoter of the Integrated Geospatial Information Framework (IGIF).
- It participates in the High-Level Group of the Integrated Geospatial Information Framework (HLG-IGIF).
- As context, Chile leads the Presidency and Executive Secretariat of the UN-GGIM: Americas Board of Directors.
- As SDI Chile, we apply the key concepts of the UN-IGIF framework and undertake various actions around it.



# SUPPORT OF SDG DATA ALLIANCE TO SDI CHILE/UN-IGIF

- Additionally, SDI Chile receives direct advice from the SDG Data Alliance, within the framework of implementing the Sustainable Development Goals (SDGs). This alignment with the work of UN-IGIF enables addressing national geospatial management through concrete actions.
- The Gap Analysis work helped identify the actions that need to be taken in each of the strategic pathways of the IGIF to advance the implementation of the SDGs and strengthen geospatial management.



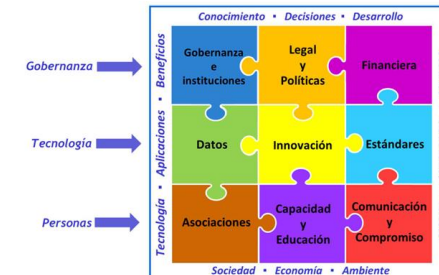
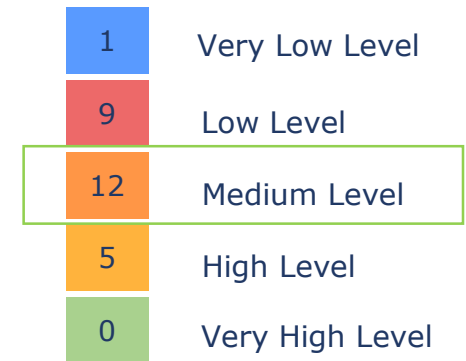
# SELF-DIAGNOSIS OF SDI CHILE/UN-IGIF

- SDI Chile conducts a survey among public institutions, using the strategic pathways of the IGIF as a basis.
- In the strategic pathway "Legislation and Policies", the self-evaluation of public institutions is rated at a "medium-low" level.
- The results of this survey help guide future actions with each of the institutions.

## Survey Results 2023



## Public Institutions Geospatial Information Management



# SELF-DIAGNOSIS: "LEGISLATION AND POLICIES" / SDI CHILE

- From the diagnosis conducted and the gap analysis work, the institutions that are part of SDI Chile maintain a low level in terms of legislation.
- Most institutions have not developed this part in depth.
- In Chile, there is no National Geospatial Information Policy that provides a framework to strategically guide State actions.



## Pathway No. 2: "Legislation and Policies"



7	Very Low Level
13	Low Level
6	Medium Level
1	High Level
0	Very High Level

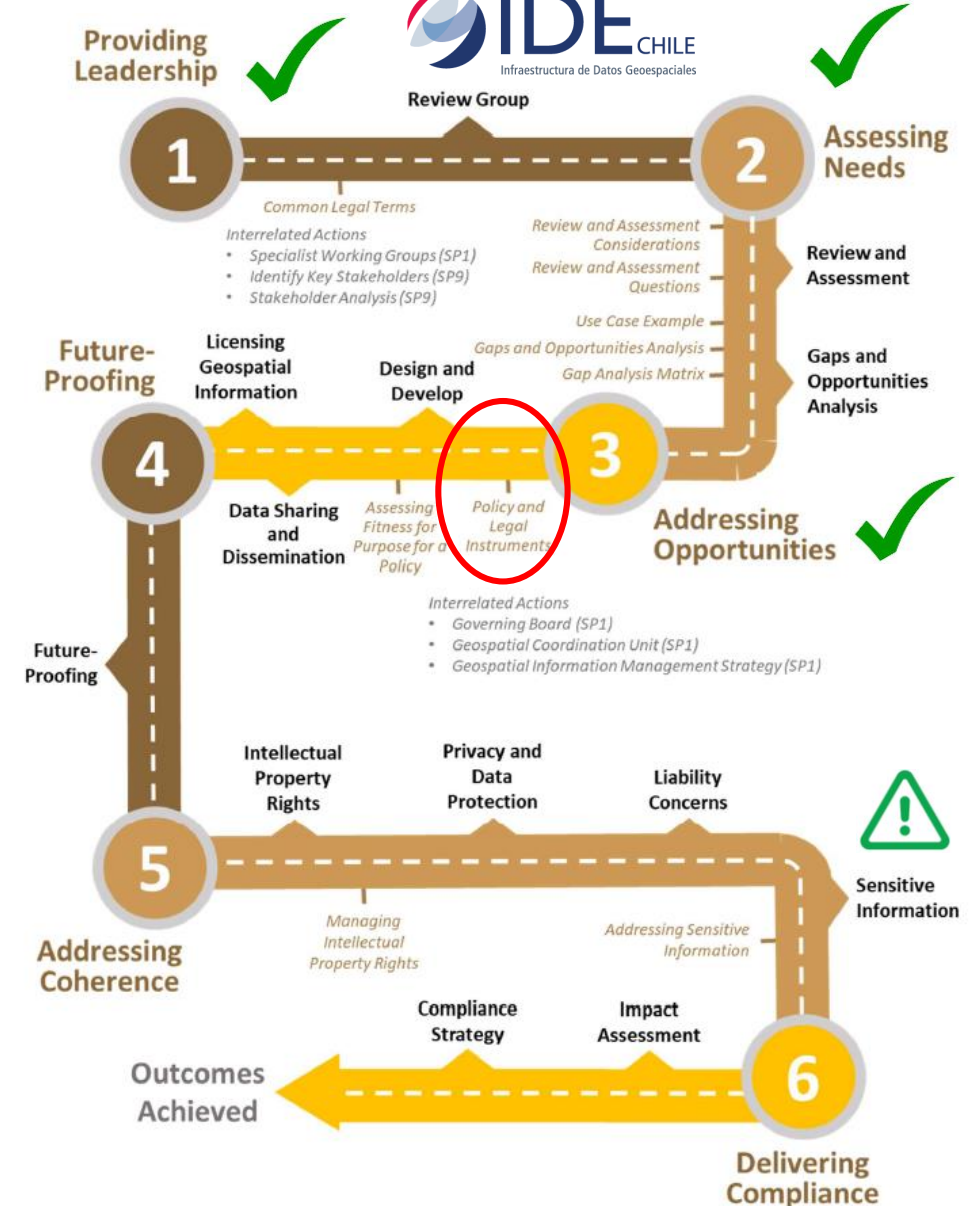
**Public Institutions  
Geospatial Information  
Management**



# PATHWAY ESTABLISHED BY SDI CHILE IN PATHWAY 2



- Considering the route proposed by Pathway 2 of the IGIF, SDI Chile presented a proposal for a National Geospatial Information Policy to the Council of Ministers of Geospatial Information, with the purpose of:
  - Advancing towards a normative and legal environment that maximizes the utility of geospatial information.
  - Consolidating and strengthening the governance framework for the effective and secure management, exchange, integration, and application of geospatial information.
  - Allowing the standardization of existing legal frameworks and national policies that respond to technological development.
  - Providing greater clarity on roles and responsibilities in geospatial information management.



# PROCESSING: "NATIONAL GEOSPATIAL INFORMATION POLICY"

The National Geospatial Information Policy corresponds to a legal and institutional framework document of indicative nature that defines guidelines and orientations for the State's actions in:

1. Strengthening institutional capacity for geospatial information management within the State.
2. Establishing minimum principles for the interoperability of geospatial data and systems.
3. Consolidating a governance framework for geospatial data within the structure of the Chilean State.
4. Establishing a minimum framework of data that the State must generate, make available, and maintain to address global and national challenges as a country.

"Política Nacional de Información Geoespacial"

Secretaría Ejecutiva IDE Chile

Ministerio de Bienes Nacionales



Noviembre 2023

# Axes of the "National Geospatial Information Policy"

## Strategic Axis 1: "Generation of Geospatial Information":

- Definition of strategic data
- Governance model
- Ensuring high-quality information
- Strengthening coordination
- Access to reliable information
- Interinstitutional cooperation and interoperable platforms

## Strategic Axis 2: "Access, Management, and Use of Geospatial Information":

- Access to reliable and transparent data
- Promotion of technological tools
- Strengthening links with academia and the public
- Communication plan reinforces cooperation and participation

## Strategic Axis 3: "Interoperability of Data and Systems":

- Data interoperability through standards and technical norms
- Innovative tools
- Executive Secretariat of IDE Chile leadership

## Strategic Axis 4: "Institutional Framework":

- Solid framework of responsibilities and governance
- Strengthening leadership
- Aims to align national and international regulatory frameworks

## Strategic Plan





# GOVERNANCE "NATIONAL GEOSPATIAL INFORMATION POLICY"



**Council of Ministers of Territorial Information**

Presided over by Minister MBN

IDE Chile is operationalized

**Executive Secretariat of SDI Chile (SNIT)**

Specific geospatial themes

**Ministerial Level**

**Regional Level**

**Municipal Level**

**Working groups**

**Technical Committee for Inter-Ministerial Coordination**

**Regional Governments**

**Mayors**

- Data
- Financial
- Technology and Interoperability
- Capacity and education
- Norms and Standards
- Dissemination and communication

**SDIs Ministerials**

Interoperate with the SDI Chile

Equipo IDE Regional

**SDIs Regionals**

Interoperate with the SDI Chile

Representantes Técnicos

**SDIs Municipales**

Interoperate with the SDI Chile

**Private & Academy**

Direct collaboration with SDI Chile



# POSSIBLE STRATEGIES: TRACK 2 "LEGALITY AND POLICIES" / SDI CHILE

## Legislation

- Proposal to generate a legislative initiative on geospatial information. (Draft Law of the SDI Chile).
- Active geospatial outreach plan to increase awareness in the geospatial community.

## Implementation and accountability

- To propose a strengthening of the structure of the Executive Secretariat of SDI Chile, as the leader of geospatial coordination in Chile (Modification of Supreme Decree Signed by the Presidency).



## Policies Standards & Guidelines

- Urge the Publication of the National Geospatial Information Policy and monitor its implementation.

## Data Protection, Licensing and Sharing

- SDI Chile must propose a technical guideline to regulate forms of geospatial data protection, in homologation with existing data protection standards.





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