LAND INFORMATION MANAGEMENT IN CHILE

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Agenda

1. Chile National Context.
2. Institutional Arrangements.
3. Land Information Management Policy
4. Land Information, present stage
5. Land Administration
6. Problems & Constraints
7. Potential Challenges

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1. Chile National Context

CHILE

- Area: 756.626 km^2
- Population:
  - **Urban: 13.090.113**
  - **Rural: 2.026.322**
  - **Total: 15.116.435**
- Geography: Diverse
- Climate: Warm, the Humboldt Current regulates it.

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2. Institutional Arrangements

Political Constitution of the State of Chile

Core Principles

Administrative & Political Divisions

National Objectives

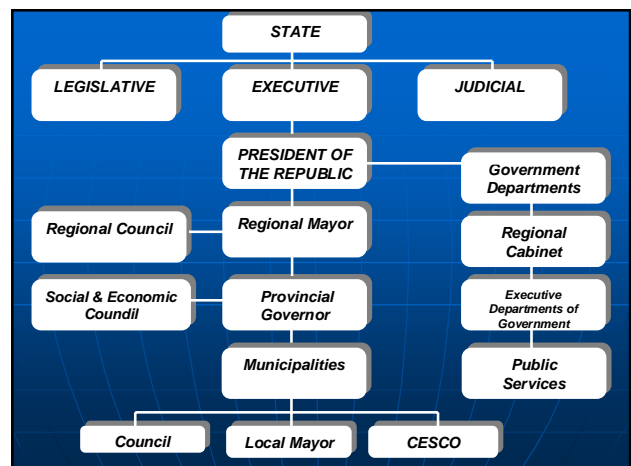Administrative Structure of the State
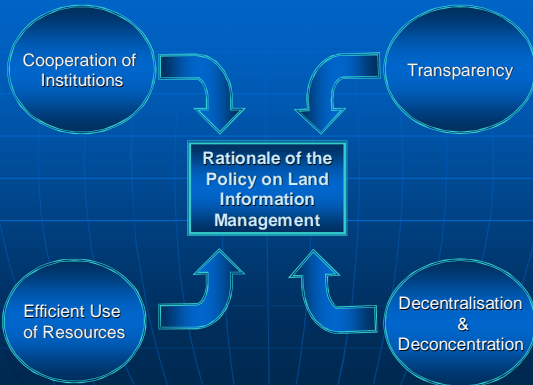

Politcal & Administrative Division

Chile

Regions

Provinces

Communes

STATE

LEGISLATIVE   EXECUTIVE   JUDICIAL

PRESIDENT OF THE REPUBLIC

Government Departments

Regional Council   Regional Mayor

Regional Cabinet

Social & Economic Coundil   Provincial Governor

Executive Departments of Government

Municipalities

Public Services

Council   Local Mayor   CESCO

3. Policy on Land Information Management

Cooperation of Institutions → Rationale of the Policy on Land Information Management ← Transparency

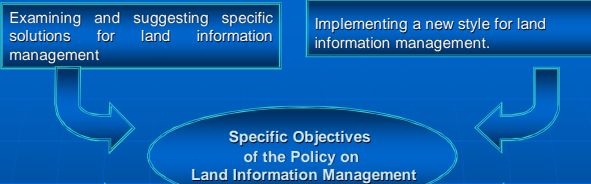Efficient Use of Resources → Rationale of the Policy on Land Information Management ← Decentralisation & Deconcentration

Primary Objective of the Policy on Land Information Management

Modernizing Land Information Management in Chile, in accordance with the efforts the country is doing to reform and modernize the State, achieve transparency, economic growth and social development.

Examining and suggesting specific solutions for land information management

Implementing a new style for land information management.

Specific Objectives of the Policy on Land Information Management

Basing the country's new land information management on technological pillars

Fostering and developing any necessary institutional agreement and adjustment for Government Departments to be able to fulfill the above described objectives.

4. State-of-the-art management of land information in the country.

Institutions using formal procedures for production, management and use of IT.
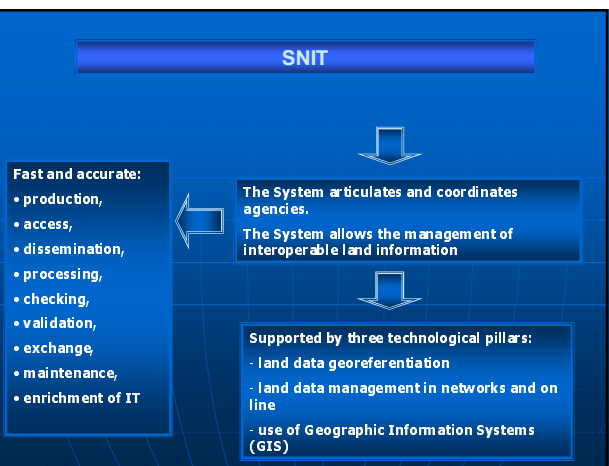
Concepts of e-Government in the State modernisation process.

Land information management involves several themes where public institutions are producers and-or users.
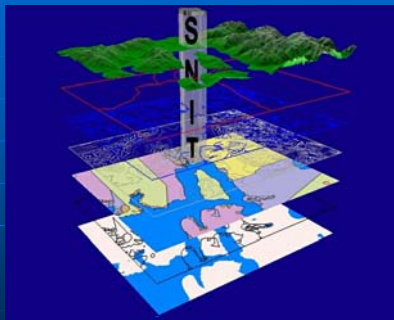
- Basic Land Information
- Natural Resources
- Environment
- Infrastructure.
- Property
- Social & Economic Issues
- Land Administration
- Cultural Heritage.
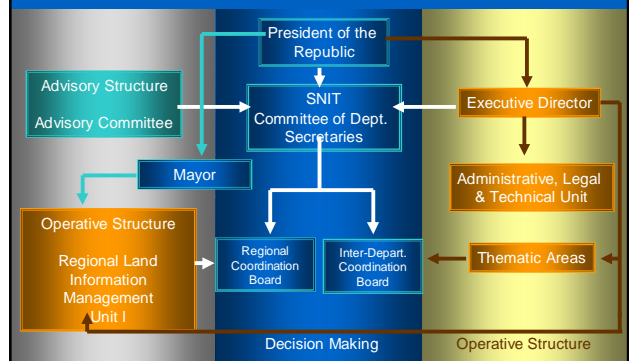
5. Land Administration

The National System of Land Information (SNIT), will be formed by Government agencies that develop and use land information. This system is aimed at ensuring, supporting and optimizing the implementation and full performance of the Policy on Land Information Management and will have the political authority and technical capacity to do so.

SNIT

Fast and accurate:
- production,
- access,
- dissemination,
- processing,
- checking,
- validation,
- exchange,
- maintenance,
- enrichment of IT

The System articulates and coordinates agencies.
The System allows the management of interoperable land information

Supported by three technological pillars:
- land data georeferentiation
- land data management in networks and on line
- use of Geographic Information Systems (GIS)

Interoperability

SNIT Structure Chart

SNIT Thematic Areas

AREA	INSTITUCIONES
INFRAESTRUCTURA OO.PP	MOP;MINVU;SERVIU;SUB.TRANSPORT.;SUBTEL; SS.SANITARIOS;SECTRA;MINSAL;MINEDUC;ONEMI; MINJUS,CONAMA,CORREOS,EFE,METRO
SOCIAL MIDEPLAN	MIDEPLAN;CONADI;INTEGRA;INJUV;FOSIS;C.H.DEP FONADIS;CONACE;ONEMI;SENAME;INDAP;MINSAL;INE; MINEDUC;MINTRAB;SERNAM.MINJUS;MININTA.MAYOR
RECURSOS NATURALES CIREN-CORFO	CIREN;CONAMA;INFOR;CONAF;SERNAGEOMIN; SERNAPESCA;IFOP;SAG;ODEPA;DMC;DGA,SUBPESCA;
INFORMACION TERRITORIAL BASICA IGM	IGM,SHOA,SAF,CIREN,INE,ACHE
PROPIEDAD SII	SII;MBN;CBR;CIREN;SERVIU;SERNAGEOMIN,INE TESORERIA,MOP,ACH.MUNI.;MINVU;ODEPA
PATRIMONIO DIBAM	DIBAM,CNCR;SERNATUR;CMN;CONAF;CONICYT;MOP; MBN;CONADI;CIREN;CONAMA;B.CONGRESO;SCH. ARQUEOLOGIA
PLANIFICACION TERRIT. MINVU	MINVU;MOP;MINTRATEL;MBN;MINAGRI;MIDEPLAN CONAMA
REGIONES SUBDERE	GOBIERNOS REGIONALES

SNIT's Accomplishments
(2001 - 2002)

- Created by Presidential Instruction #14, of Sept. 25, 2001.
- Country-wide Land Information Inventory.
- Basis for Land Data Standardization.
- National Plan for Land Information Capture and Standardization 2003–2005 (Presidential Instruction #2 of April 7, 2003).

SNIT's Accomplishments
(2003)

- Structure of Core Data.
- Regional Boards to support the SNIT project.
- Prototype of the Web Portal to have access to IT.
- Advisory Committee to support the SNIT
- Integration into the international community of Geospatial Data Infrastructure (GDI).
- Formulation of a State Policy for Land Information management

SNIT's Challenges for 2004 ……

- Blueprint for a Law on Land Information Policy in Chile.

- Developing the National Metadata Portal.

- GSDI-9 Conference, 09 -13.OCT.2006
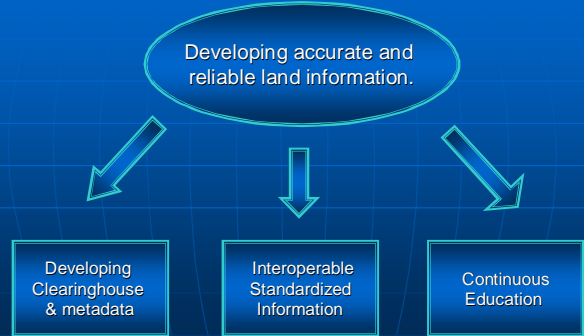
NATIONAL METADATA (SNIT)

- 2003 – DESIGN STAGE
- 2004 – CONSTRUCTION STAGE
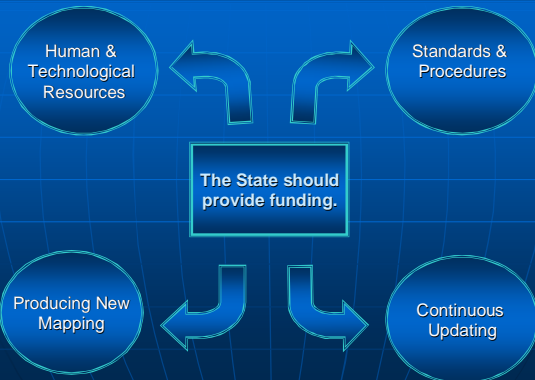- 2005 - NATIONAL COVERAGE

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6. Problems & Constraints

- Overcome the traditional land information management, which has always been sector-oriented and compartmentalized.
- Land information management has not developed homogeneously in the different State institutions.
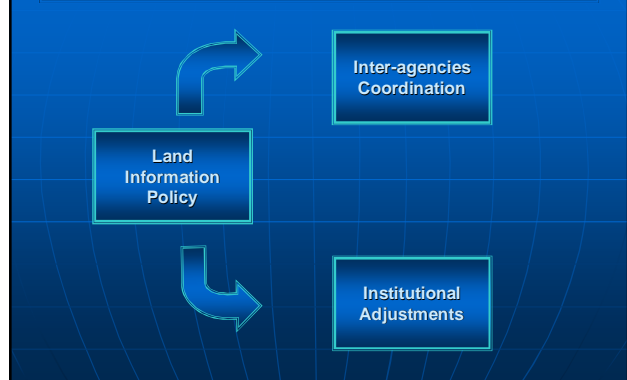
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7. Potential Challenges (1)

Developing accurate and reliable land information.

Developing Clearinghouse & metadata

Interoperable Standardized Information

Continuous Education

Potential Challenges (2)

Human & Technological Resources

Standards & Procedures

The State should provide funding.

Producing New Mapping

Continuous Updating

Potential Challenges (3)

Inter-agencies Coordination

Land Information Policy

Institutional Adjustments

Acknowledgements

- City & Committee of Territory Department Secretaries.
- SNIT's Technical Stewardship.
- Members of the SNIT's Inter-Departmental Coordination Board).
- SNIT's Regional Boards Coordinators and Representatives.
- Members of the Advisory Committee supporting the SNIT.
- Members of SNIT's Technical Unit.
- Representatives of Government Departments.
- Representatives of Regional Governments.
- Several other Government agencies from the State of Chile.

Thank you.