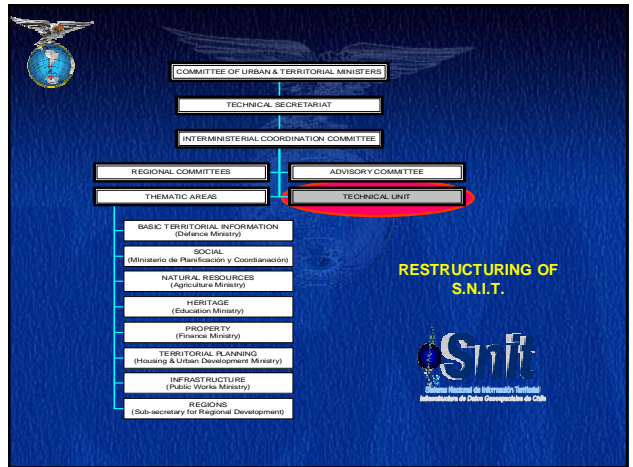
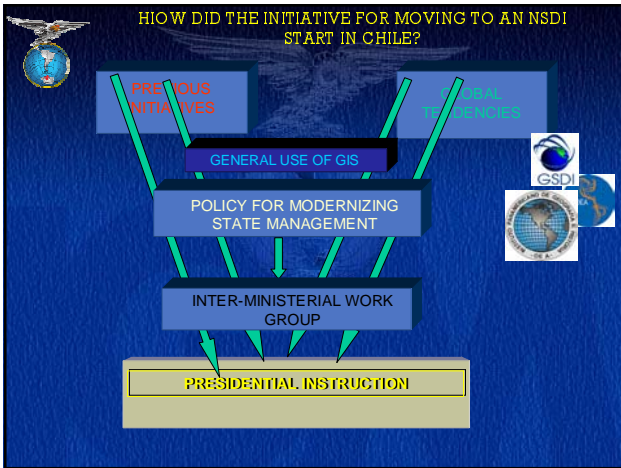


**TECHNICAL UNIT:
A STRUCTURE FOR WORKING
ON THE METADATA CATALOGUE IN CHILE
AND THE TECHNICAL ASPECTS OF AN NSDI.**

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TECHNICAL UNIT OF THE NATIONAL TERRITORIAL INFORMATION SYSTEM

CREATORS OF BASIC TERRITORIAL INFORMATION

- Military Geographic Institute
- Aero-Photogrammetric Service of the Air Force
- Hydrographic and Oceanographic Service of the Navy
- Natural Resources Information Center
- National Assets & Resources Ministry (coordinator)

TECHNICAL UNIT OF THE NATIONAL TERRITORIAL INFORMATION SYSTEM

THE FIRST TASK FOR THE TECHNICAL UNIT, WAS:

"METADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

TECHNICAL UNIT OF THE NATIONAL TERRITORIAL INFORMATION SYSTEM

"MATADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

YEAR 1

DESIGN
TRIALS

YEAR 2

IMPLEMENTATION
TRAINING

YEAR 3

SET UP
DATA COMPLETION

TECHNICAL UNIT OF THE NATIONAL TERRITORIAL INFORMATION SYSTEM

"MATADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

YEAR 1

DESIGN
TRIALS

- STAGE 1 : GATHERING AND STUDY OF INTERNATIONAL AND NATIONAL PRACTICE
- STAGE 2 : DEFINITION OF LOGICAL MODEL, METADATA, CATALOGUE AND PAGE DESIGN
- STAGE 3 : TRIAL PROJECT

"METADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

STAGE 1 : GATHERING AND STUDY OF INTERNATIONAL AND NATIONAL PRACTICE

"METADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

STAGE 2 : DEFINITION OF LOGICAL MODEL, METADATA, CATALOGUE AND WEB PAGE DESIGN

- THE ISO TC-211 STANDARD FOR METADATA, STANDARD 19115, WAS DETERMINED AS THE BASIS FOR APPLICATION IN CHILE
- THIS STAGE LED TO :
 - LOGICAL MODEL FOR THE CATALOGUE
 - DESIGN OF THE METADATA RECORD
 - DESIGN OF CATALOGUE PAGES

"METADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

STAGE 3 : TRIAL PROJECT

IN AN IN-HOUSE WEB ENVIRONMENT, INFORMATION FROM THE TECHNICAL UNIT MEMBER ORGANISATIONS WAS ENTERED AND THE RESULTING BENEFITS AND CAPABILITIES WERE OBSERVED

"METADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

AT A MEETING TO WHICH REPRESENTATIVES OF ALL SECTORS OF DEVELOPMENT IN THE COUNTRY AND OF ALL THE VARIOUS MINISTRIES WERE INVITED, A DEMONSTRATION WAS MADE THUS :

- AN EMERGENCY SITUATION AT NATIONAL LEVEL WAS SIMULATED
- THE EXISTING INFORMATION FOR DEALING WITH THIS SITUATION WAS SEARCHED FOR
 - ♦ IT DIDN'T EXIST
 - ♦ IT TOOK A LONG TIME TO FIND IT
 - ♦ ONCE DETECTED PHYSICALLY, IT'S CHARACTERISTICS REMAINED UNKNOWN
 - ♦ IT WAS INCOMPLETE
 - ♦ IT WAS FOUND TO BE DUPLICATED
- THEN TURNING TO THE "TRIAL CATALOGUE", THE EXISTING INFORMATION WAS RAPIDLY FOUND AT ITS VARIOUS HOLDING BODIES, WITH ITS CHARACTERISTICS

THE NEED TO PROCEED ON THIS WAS MADE CLEAR....

"METADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

ANO 2

IMPLEMENTATION

TRAINING

- STAGE 1: IMPLEMENTATION OF THE CATALOGUE, ACCORDING TO THE PREVIOUS YEAR'S WORK
- STAGE 2: PARTIALLY FILLED WITH DATA FROM THE NATIONAL ASSETS & RESOURCES MINISTRY
- ETAPA 3: TRAINING

"METADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

STAGE 3: TRAINING

PEOPLE IN SNIT MEMBER ORGANISATIONS WERE TRAINED, INVOLVING ABOUT 300 PEOPLE THROUGHOUT THE COUNTRY.

PERSONNEL OF THE SNIT TECHNICAL SECRETARIAT TOURED THE COUNTRY TO ACHIEVE THIS



TECHNICAL UNIT OF THE NATIONAL TERRITORIAL INFORMATION SYSTEM


"MATADATA CATALOGUE OF TERRITORIAL INFORMATION EXISTING IN CHILE"

YEAR 3

SETUP COMPLETION

THE OBJECTIVE FOR THIS YEAR IS TO INITIATE THE ENTRY OF DATA FROM ALL GOVERNMENTAL INSTITUTIONS INTO THE METADATA SYSTEM

HOME PAGE

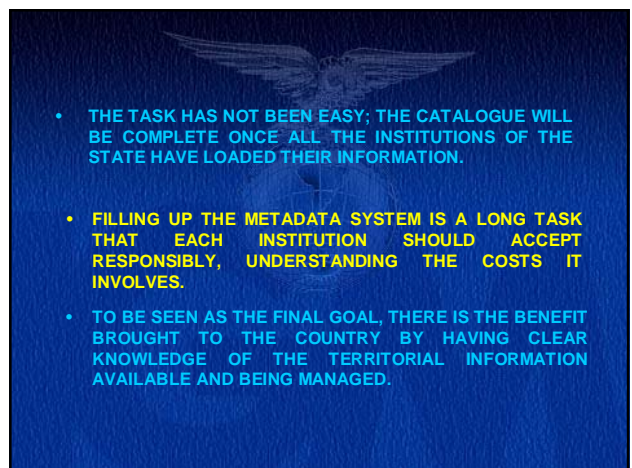
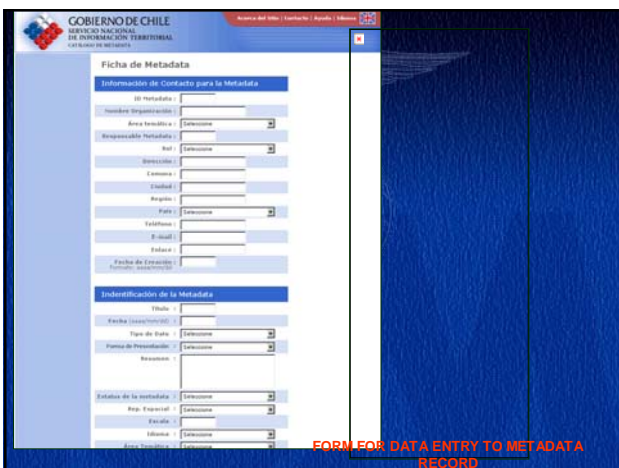
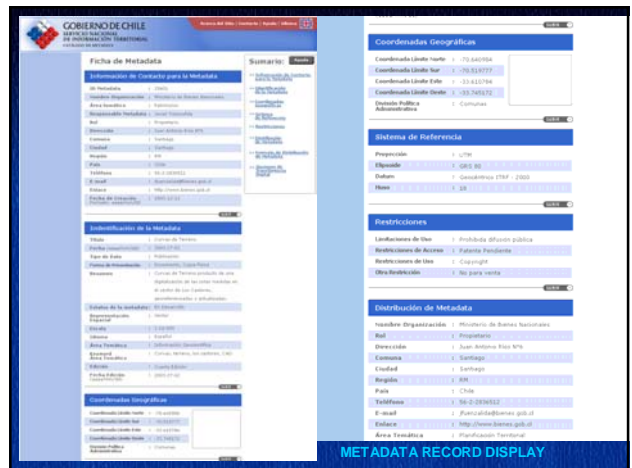
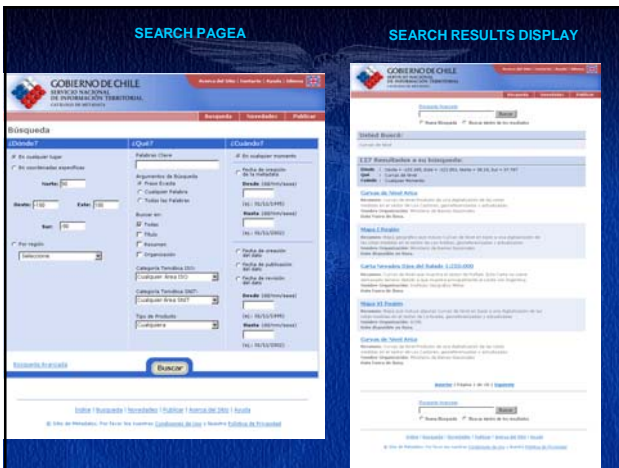
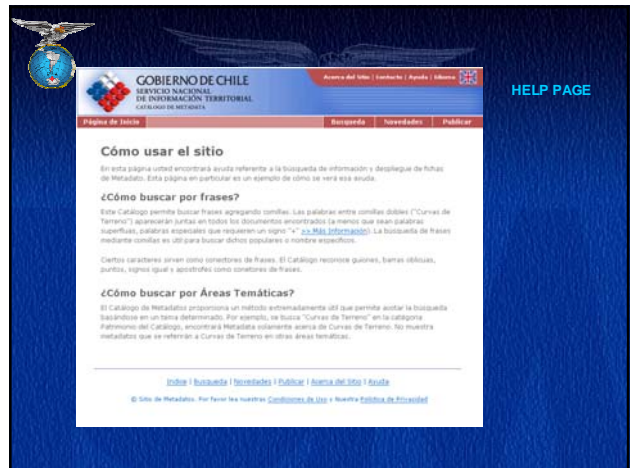
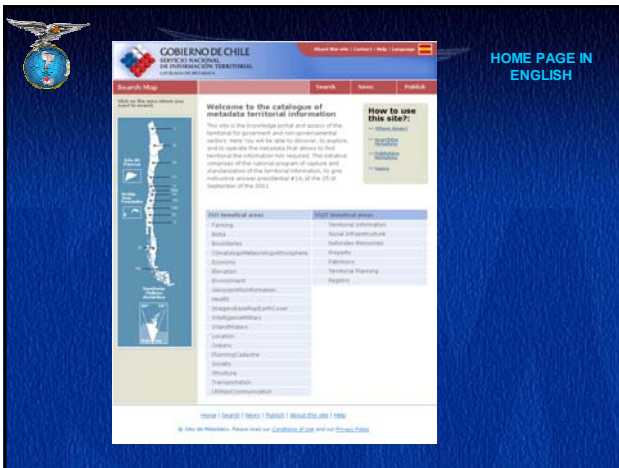



COBIERNO DE CHILE
SERVICIO NACIONAL DE INFORMACIÓN TERRITORIAL

Bienvenidos a Catálogo de Metadatos de Información Territorial

Índice Temático


Categoría Temática 2007	Categoría Temática 2008
Agricultura	Información Territorial Base
Salud	Infraestructura
Industria	Social
Climatología / Meteorología / Atmosfera	Recursos Naturales
Comercio	Seguridad
Defensa	Planificación
Antártica	Planificación Territorial
Administración Gubernamental	Programas
Salud	
Indicadores Reportados en la Subletra de la Norma Técnica SNIT	
Atletismo	
Asistencia	
Comercio	
Carácter de planeamiento	
Comercio	
Estructura	
Financiación	
Comunicaciones	





THE CHILEAN EXPERIENCE SAYS THAT :

- IT IS POSSIBLE TO WORK TOWARDS AND ACHIEVE METADATA CATALOGUES WITH MODEST RESOURCES AND THE GOODWILL OF THE STATE ORGANISATIONS INVOLVED
- SETTING UP A PURELY TECHNICAL UNIT CLEARLY HELPS PROGRESS IN ASPECTS SUCH AS METADATA CATALOGUES, STUDIES OF STANDARDS AND OTHER TECHNICAL ISSUES RELATED TO THE DEVELOPMENT OF AN NSDI
- WHILST IN THIS CASE THE TECHNICAL UNIT WAS ENABLED BY THE FINANCIAL EFFORT OF THE INSTITUTIONS THAT PARTICIPATED IN IT, THE STATE SHOULD PROVIDE A PERMANENT FINANCIAL SUPPORT FOR THESE ADVANCES.



GEOSPATIAL DATA INFRASTRUCTURES ARE A NATIONAL NECESSITY; EACH STEP TAKEN IS IMPORTANT AND MEANS ONE CHALLENGE LESS TO BE FACED, ALSO THAT IT HAS BEEN OVERCOME SUCCESSFULLY.

THE NATIONAL TERRITORIAL INFORMATION SYSTEM OF CHILE HAS, THROUGH ITS TECHNICAL UNIT, MET THE CHALLENGE OF IMPLEMENTING THE METADATA CATALOGUE OF THE TERRITORIAL INFORMATION IN THE COUNTRY.

THANK YOU

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