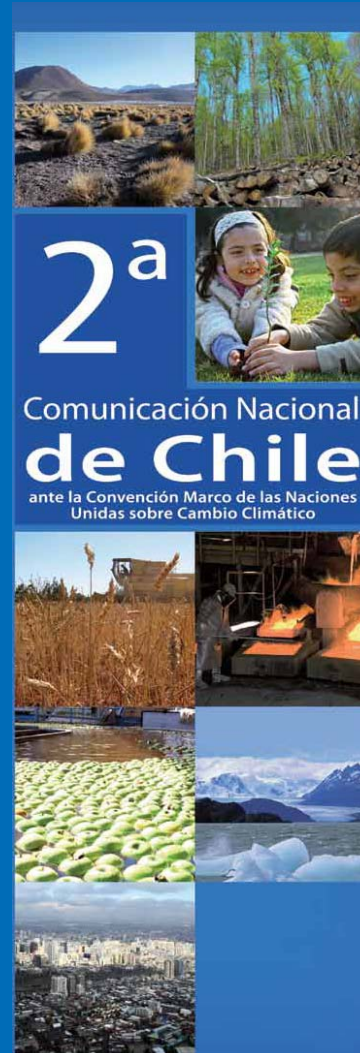


Chile Second National Communication on Climate Change to the UNFCCC



**Ministerio del
Medio
Ambiente**

**Climate Change
Office at the
Ministry of
Environment**



National Circumstances Chapter:

Chile, a country of contrasts



17million
people,
mostly living
in cities
(2011)



A developing
country, and a
member of the
OECD

Main Exports:

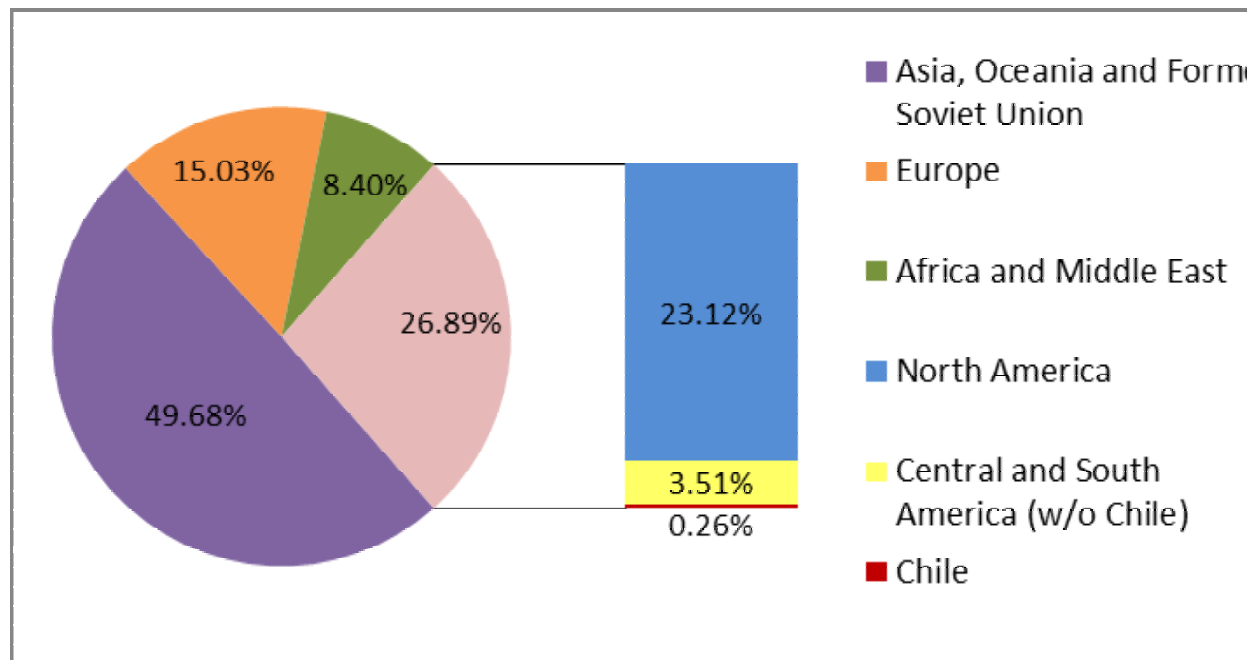
- Mining
- Industry
- Agriculture-
Forestry



GHG Emissions Inventory

Chapter

Chile is not a
relevant GHG
emitter: 0,26%
in 2008

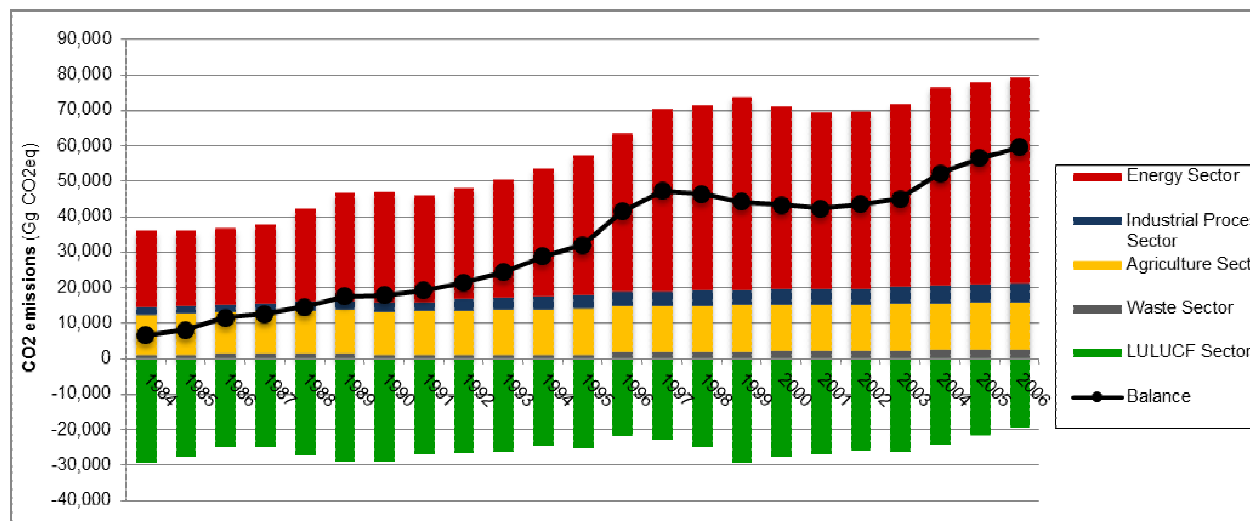
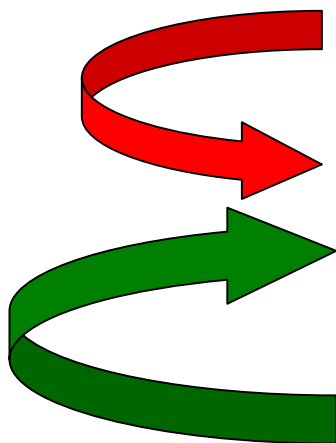


GHG Emissions Inventory

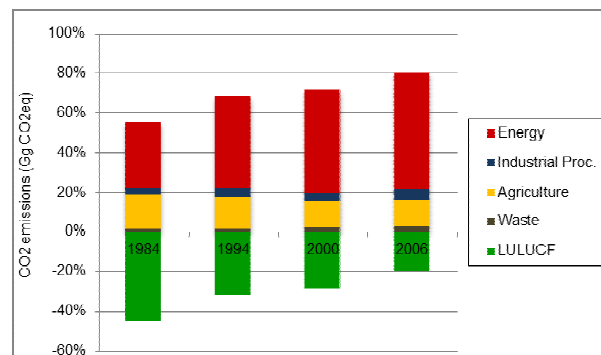
Chapter

1984-2006 Time series

- Energy Sector: (main emitter)

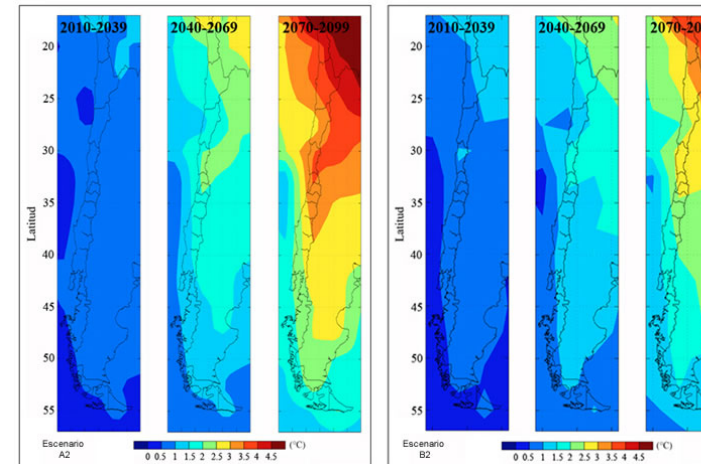


- LULUCF Sector (net capture)

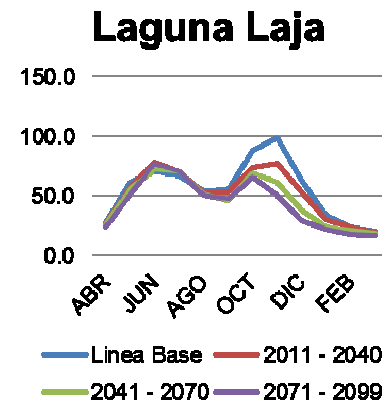


Vulnerability & Adaptation Chapter

- According to PRECIS projections, **temperature** rises are expected between 1°C and 3°C in a moderate scenario (B2) and between 2°C and 4°C in a severe scenario (A2) across the country, at the end of the century.
(U.de Chile, Geophysics Dpt., 2008)

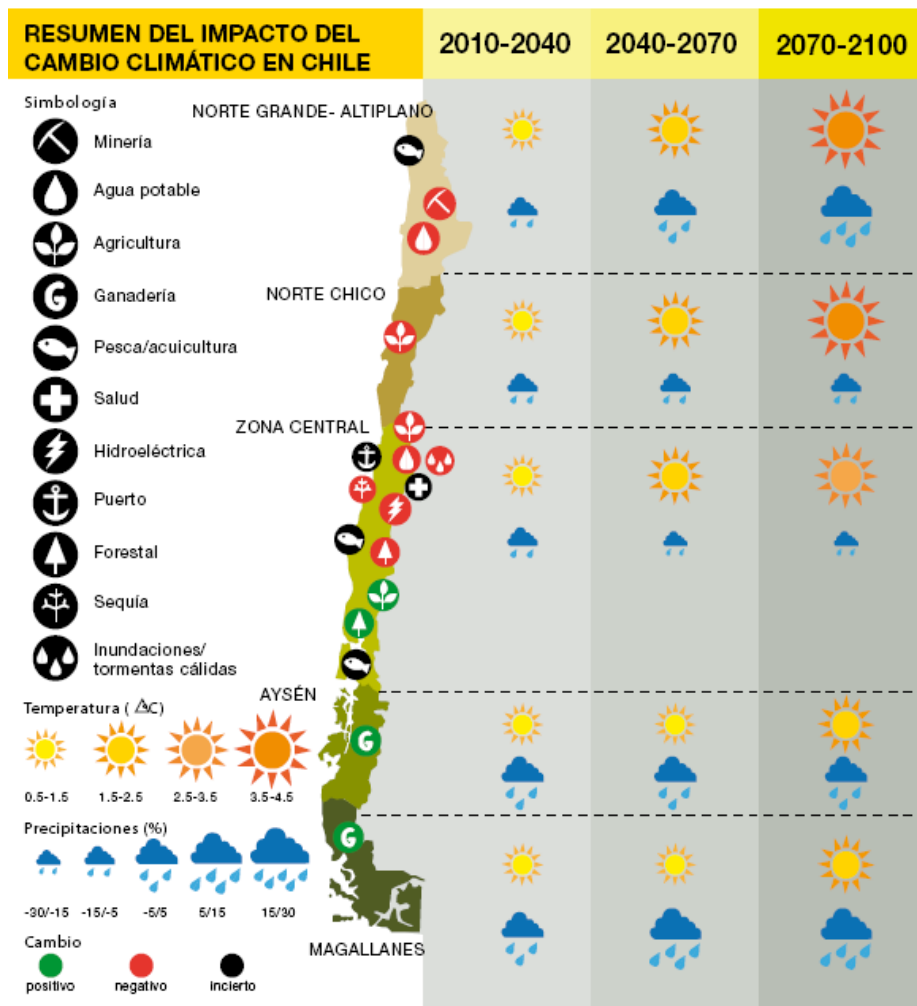


- PRECIS outputs used by research groups to conduct sectorial analyses: agriculture, forestry, water availability, fisheries stocks, Economics of Climate Change in Chile.



Vulnerability & Adaptation Chapter

A Graphic Summary:



Source: CEPAL, 2009

Vulnerability & Adaptation Chapter

Chile's Government is already taking concrete measures towards adaptation in the Agriculture and Biodiversity Sectors:

Examples include:

- Experimental changes in varieties of key crops,
- Improvement of irrigation systems,
- Sustainable management of water for different purposes,
- More efficient use of fertilizers and composting.

(Ministry of Agriculture)



Mitigation Chapter

Sectorial Analyses:

- Energy
- Copper Mining
- Transport



LEAP Tools for Sustainable Energy Analysis



- LULUCF

Mitigation Chapter

**SNC a platform to present
Chile's position on:**

- Copenhagen Accord (2009)
- Cancun Agreements (2010).



Other relevant information

Chapter

- **Technology Transfer**
- **Systematic Observation of weather and climate variability**
- **Research programmes on Climate Change**
 - **Building and strengthening local capacities in Climate Change**

Education and Public Awareness about Climate Change



Obstacles and Barriers Chapter

Financial resources and technical support:

For mitigation actions:

- **NAMAs**

For adaptation actions:

- Water resources
- Biodiversity
- Agriculture and forestry
- Sustainable cities
- Infrastructure, urban and coastal zones
- Fisheries
- Health

Obstacles and Barriers Chapter

Building and strengthening local capacities: interinstitutional coordination, local sectorial capacities:

- National GHG Inventory (working towards a national system),
- National water resources (monitoring data needs, glaciers),
- Systematic observation of climate variability and climate change,
- Electricity generation and energy efficiency,
- Transportation,
- Infrastructure development focused on climate change adaptation,
- Agriculture and Forestry activities,
- Biodiversity.

**Strengthening the presence of stakeholders
in national actions on climate change**

Writing of the Communication

Joint Interministerial writing team: ministries of Environment (coordinator), Energy & Agriculture + peer review by other 11 Government institutions and final approval by Council of Ministers.

Office of Climate Change at the Ministry of Environment, responsible for the production of national communications and interministerial coordination of GHG emissions inventories.

Increased interest in the 2nd national communication project and the climate change subject in Chile



- **August 2007**



- **August 2011**



New challenges in National Communications

The Ministry of Environment of Chile is starting the process of preparing our 3rd National Communication, aiming to present it in 2015.

Big challenge: how to use our 3rd national communication to keep momentum on Climate Change at national level.

Gracias!



Ministerio del Medio Ambiente de Chile

Oficina de Cambio Climático



Ministerio del
Medio
Ambiente

Gobierno de Chile