



Ministerio del  
Medio  
Ambiente

Gobierno de Chile

# CASE STUDY: INCLUSIVE AND TECHNICALLY SOUND INDC DEVELOPMENT PROCESS IN CHILE



International Partnership  
on Mitigation and MRV



LOW EMISSION  
CAPACITY BUILDING  
PROGRAMME

## Global Good Practice Analysis 2.0 on INDCs, LEDS, NAMAs and MRV

**Dr.Fernando Farías**  
**Head of Climate Change**  
**Ministry of Environment of Chile**  
**27th January 2016**



# Case information: Preparation of the Chilean INDC, including a public consultation process and the creation of a broad analytical basis

One of the first countries to propose a draft INDC as early as December 2014

Draft INDC was built together with several actors using outputs from the MAPS (*Mitigation Action Plans and Scenarios*) initiative.

For preparation of its INDC, Chile undertook a public consultation process for 4 months.

- Presentations in 7 regions to raise awareness: Santiago, Valparaíso, Antofagasta, Concepción, Temuco, Valdivia, Punta Arenas
- Over 250 written comments received through a web system.

Chile's INDC was approved by the Council of Ministers for Sustainability and Climate Change, and presented by Presidente Bachelet at the 70th UN General Assembly (September 2015).



El jefe de la oficina de Cambio Climático del Ministerio de Medio Ambiente y Desarrollo Urbano y el Antropólogo con los contribuyentes que Chile presentará a la Naciones Unidas.

**Tema del día**

## Las propuestas que trabaja el país para enfrentar el cambio climático

En un espacio en el que se exponen los avances que se han logrado en materia de cambio climático, se presentaron los resultados de una encuesta realizada por el Ministerio de Medio Ambiente y Desarrollo Urbano y el Antropólogo con los contribuyentes que Chile presentará a la Naciones Unidas.

En un espacio en el que se exponen los avances que se han logrado en materia de cambio climático, se presentaron los resultados de una encuesta realizada por el Ministerio de Medio Ambiente y Desarrollo Urbano y el Antropólogo con los contribuyentes que Chile presentará a la Naciones Unidas.



# Lessons learned: Develop a sound information basis



## Main data source of INDC (mitigation pillar): MAPS 2012-2015 and GHG Mitigation Options for Chile

- 300 participants from academy, the public and private sector, NGOs guided aprox. 100 consultants to build mitigation scenarios.
- 96 mitigation measures were analyzed in detail, each one with a chart to indicate savings and costs per ton de CO2 reduced.
- It is possible for Chile to comply its mitigation goals, but we have to implement specific sectorial measures.
- Many climate change mitigation actions generate savings and important economic profit.



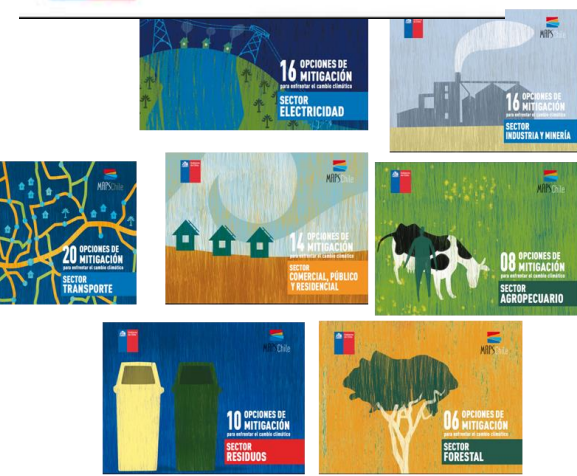
ESCENARIO	PIB		EMPLEO		EMISIONES DE CO <sub>2</sub> eq	
	2020	2030	2020	2030	2020	2030
Impuesto al Carbono (5 US\$/t)	-0.2%	-0.2%	-0.4%	-0.4%	-3.1%	-140
Impuesto al Carbono (20 US\$/t)	-0.9%	-0.8%	-1.5%	-1.6%	-12.3%	-111
Base	0.1%	4.1%	-0.1%	3.5%	-8.2%	-9
Medio	-0.3%	6.7%	-0.7%	5.5%	-8.2%	-9
Alto	-0.1%	7.4%	-0.2%	6.3%	-8.2%	-9
Eficiencia Energética	-0.6%	3.3%	-0.8%	2.6%	-6%	-6
ERNC	0.0%	0.6%	0.3%	-0.2%	-8%	-8
Energías Renovables	-0.1%	0.7%	0.3%	-0.2%	-4.1%	-11
80/20	0.2%	1.2%	-0.3%	0.0%	-9.9%	-11

Source: World Resources Institute

Tabla 2: Resumen de efectos macroeconómicos y emisiones según escenario (Los valores señalados corresponden a desviaciones respecto a Línea Base 2012-2030, %). Fuente: MAPS Chile, 2014-2015

Las estimaciones presentadas en la tabla corresponden al PIB valorado a precios de mercado, que incorpora el alza de precios como resultado de la imposición del impuesto al carbono. El mismo cálculo hecho para precios sin impuestos, como aproximación a la actividad económica medida en Cuentas Nacionales, resulta en desviaciones al 2030 de -0.5% y -1.3% para impuestos de 5 y 20 US\$, respectivamente.

Source: [www.mapschile.cl](http://www.mapschile.cl)



# Lessons learned: Secure a high level mandate



2014:  
September  
Climate  
Summit



Main message:  
>>Chile will present a draft INDC on the 17th of December 2014 and will start a public consultation process<<

2014:  
December  
COP20



Main message:  
>>We need a solid basis for taking decisions: our 1st BUR, submitted during the COP20<<

2015:  
September  
ODS  
Summit



President Bachelet announces Chile's INDC at UNGA #70

2015:  
December  
COP21



Chile joins Carbon Pricing Leadership Coalition (Chile passes a carbon Tax Law in 2014)





*Lessons learned: Highlight the role of the INDC in a coherent policy framework*


**Content of Chile's Contribution: (INDC)**  
**5 pillars into 3 main components**

1

**Climate Change Resilience:**  
National Circumstances  
Adaptation  
Capacity Building and Enhancement

2

**Control of GHG Emissions:**  
Mitigation



3

**Support for cross-cutting Climate Change Action:**  
Technology Development and Transfer  
Financing



# Chile beyond COP21: Implementing the INDC

- **Currently preparing the National Climate Change Action Plan 2016-2021 (public consultation for 2 months):** Defining the policies and measures to comply with the contribution:
  - Actions of the public sector and coordination with privates and subnational level
  - Analysis of public climate change expenditure
  - Towards a Climate Change Finance Strategy
  - Technology Transfer Strategy

## **Building an active national climate change policy:**

- Enhancing institutional arrangements and governance of climate change in Chile
- Working with local and subnational governments
- Fostering an active role of the private sector

