



# Sharing Lessons and Best Practices on Sustainability Initiatives

26 January, 2012



United Kingdom  
Mission to the  
United Nations

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# Zero Carbon Program

## Ministry of Foreign Affairs of Chile

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Launched in Santiago, on August 8, 2011, by the Deputy Minister of Foreign Affairs, the Permanent Representative of Chile to the United Nations, with the presence of former PGA Mr. Joseph Deiss



# Main Goals

- Raising awareness among Ministry staff on carbon emissions
- Raising awareness among Ministry Staff on how to reduce carbon emissions
- Measuring carbon emissions of the HQ building of the Ministry of Foreign Affairs of Chile
- Measuring carbon emissions of five Chilean diplomatic missions abroad.
- To adopt concrete measures to reduce carbon emissions

# I PHASE

## **FIRST PHASE: Measuring**

The carbon footprint is measured by Fundación Chile. Emissions were measured for the following facilities of the Foreign Ministry of Chile:

- 1) The Ministry of Foreign Affairs Headquarters in Santiago, with 17 floors and around 1,200 civil servants.
- 2) The premises of the Diplomatic Academy of Chile.
- 3) Five diplomatic missions overseas:
  - Mission of Chile to the United Nations
  - Mission of Chile to the European Union
  - Embassy of Chile in China
  - Embassy of Chile in Brazil
  - Consulate-General of Chile in San Francisco

## II PHASE

### SECOND PHASE: Verification

The measurements are subject to a “Verification” process by an independent third party.

In the case of our Programme, the Verification is being done by the firm Ernst & Young, an internationally well known consultancy firm.

# III PHASE

## THIRD PHASE: Reduction

Action is taken to reduce emissions, based on the carbon footprint calculations.

This is the most relevant element of the Programme design.

We want to know our carbon footprint but, above all, we want to know what we can do to reduce it. We know this means collective action.

# Compensation of the Footprint

The Zero Carbon Programme of Chile benefited certificates coming from the Santiago Climate Exchange to offset the carbon footprint of only the 5 Chilean mission included in the programme.

These certificates are issued for emissions-reducing projects implemented in Chile and certified to have met international standards.

This was an important contribution from our private sector and depicts in a perfect manner Chile's wish to work in public-private partnerships when dealing with national endeavours.

# Mission of Chile Carbon Footprint (2010)

- TOTAL 100 tCO<sub>2</sub>-e, per year
- 4 tCO<sub>2</sub>-e/person per year (aproximately)
  
- 63 tCO<sub>2</sub>-e (63%) – second scope (electricity)
- 13 tCO<sub>2</sub>-e (13%) – third scope (transportation)
- 12 tCO<sub>2</sub>-e (12%) – first scope (combustible)



This balloon represents

# 1 Tonne of CO<sub>2</sub>

**CHILE:** 4 tonnes per person per year

**UN:** 8 tonnes per person per year

**US:** 17 tonnes per person per year

CHILE  
ZERO  
CARBON  
Permanent  
Mission  
to the UN



**GREENING  
THE BLUE.**



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