



**FICEMAPCAG**  
FEDERACIÓN INTERAMERICANA DEL CEMENTO

Federación Interamericana del Cemento

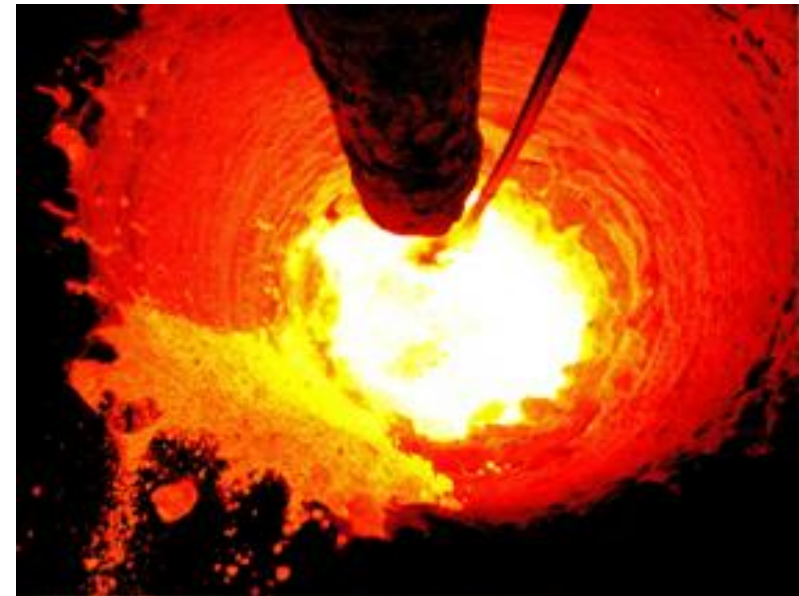
FICEM, founded in 2002, is an independent organization that represents the majority of the cement industry companies and institutes in Latin America, the Caribbean, Spain and Portugal, which includes:

- 26 countries
- 72 cement producing companies
- 11 cement institutes
- 7 associations and chambers
- 228 cement production plants in Latin America, the Caribbean, Spain and Portugal
- 577.278.598 million inhabitants
- 156 million tonnes of cement production
- 5.2 % of the global output

# Interamerican Cement Industry recognizes its challenges

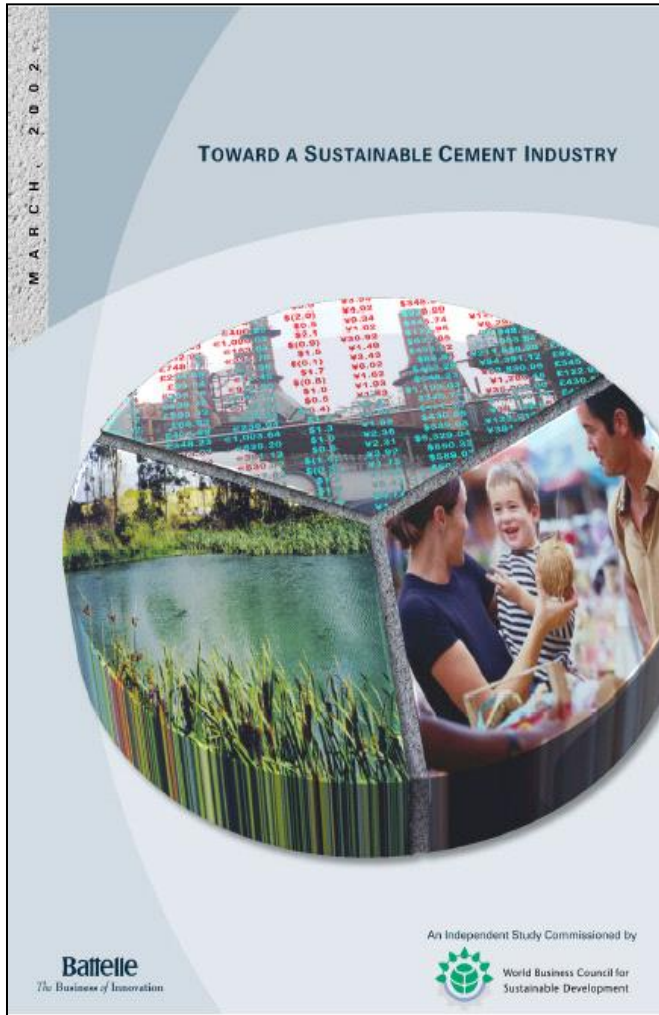


**Each ton of cement generates between 0,5 y 1,0 tons of CO<sub>2</sub> during its production process....**



**Cement Industry consumes billions of tons of fossil fuels and other natural resources world-wide.**

# ...Sectorial approach...



# ...with specific guidelines and tools...

DEDICATED TO MAKING A DIFFERENCE

Cement Sustainability Initiative (CSI)

*CO<sub>2</sub> Accounting and Reporting Standard for the Cement Industry*

June 2005

The Cement CO<sub>2</sub> Protocol

Version 2.0

World Business Council for Sustainable Development

DEDICATED TO MAKING A DIFFERENCE

Cement Sustainability Initiative (CSI)

*Guidelines for the Selection and Use of Fuels and Raw Materials in the Cement Manufacturing Process*

December 2005

Fuels and raw materials

Version 1.0

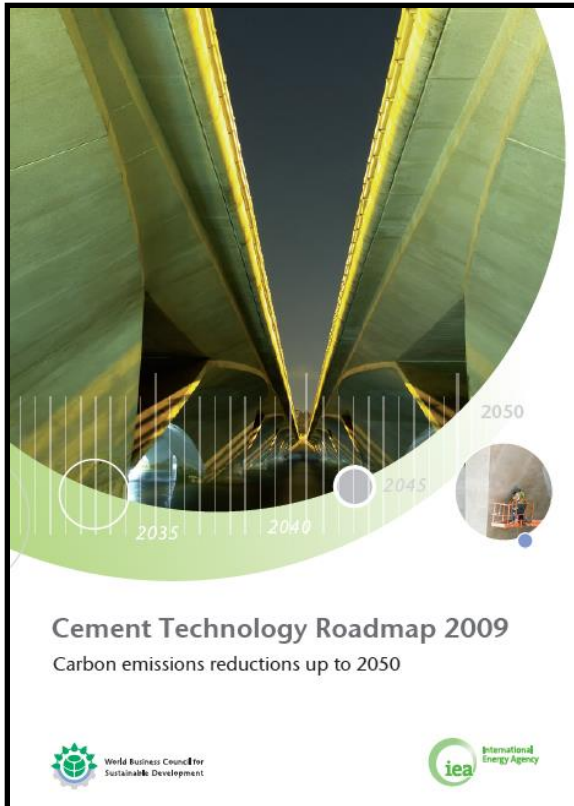
World Business Council for Sustainable Development

## *In conclusion*

**This roadmap is the first that focuses on an industry-wide approach to emissions reductions technology.** The IEA and CSI member companies have worked together to develop a possible transition path for one industry moving towards the year 2050 with half the current CO<sub>2</sub> emissions.

Four key reduction levers available to the cement industry to reduce CO<sub>2</sub> emissions are discussed in this roadmap:

1. Thermal and electric efficiency
2. Alternative fuel use
3. Clinker substitution
4. Carbon capture and storage



# Task Force Climate Change and Co-processing 2010 - 2013

Ficem has a sustainability challenge. To face this challenge, a specific task force was created, working in different fields:

- Industry alignment for sustainability common vision.
- Concrete objectives setting around climate change and co-processing
- Active participation of Ficem in different key instances for Cement Industry sustainability (CSI, GNR, UNEP, etc).



## A big region well covered

Argentina

Chile

Brasil

Ecuador

Colombia

Costa Rica

Guatemala

México

Portugal

España






# Climate Change... ..already getting good results


**DEDICADOS A HACER LA DIFERENCIA**

**Iniciativa por la Sostenibilidad del Cemento**




**Getting the Numbers Right LATAM**


Una base de datos independiente para la industria global del cemento



World Business Council for Sustainable Development  
Cement Sustainability Initiative



FICEM 360  
FEDERACIÓN INTERAMERICANA DEL CEMENTO



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## Ficem had an active participation during the Basel Convention Technical Guidelines process (2010 – 2011)

- Technical discussions
- Workshops and stakeholder dialogues
- Recommendations during the process



## **Ficem supports the idea of a Certification program for co-processing hazardous wastes**

**Ficem, and its associates, have a positive perception of this certification program:**

Because :

- Ficem strongly believes in Public – Private collaboration as basis for sustainability
- It will assure minimum technical, environmental and health and safety related standards for hazardous waste co-processing...
- Stakeholder engagement is key for success
- The cement industry has the technology and know-how to provide a sound alternative for hazardous waste management.
- Basel Convention is main international instance for hazardous waste management.

# Ficem supports the idea of a Certification program for co-processing hazardous wastes

## Ficem expectations for this Certification Program are:

- To have an open and participative process
- Local Authorities fully involved
- Stakeholder dialogues as part of the process
- Clear diagnostic of options for hazardous waste management in cement kilns in Central America.
- Team-work
- Transparency

