

A joint commitment to sustainable development

As the business leaders of ten global cement companies, and members of the World Business Council for Sustainable Development (WBCSD), we believe that sustainable development is a fundamental challenge facing humanity today, and that our industry needs an agenda for action that will prepare it for this challenge.

Cement is an essential material in today's society because, as a major constituent of concrete, it forms a fundamental element of any housing or infrastructure development. Taken together, our companies produce approximately one third of the world's cement and operate in two thirds of the world's markets. Our businesses compete with each other, including on some aspects of sustainable development. As competitors, there are legal and practical limits to our abilities to cooperate and collaborate. But we also recognize that within these limitations there remain significant benefits for working together to explore what sustainable development will mean for the cement industry and our stakeholders.

Our desire to play a part in a sustainable future led us to create the Cement Sustainability Initiative. Over the past three years we have worked alongside our stakeholders and WBCSD to identify the key issues we need to tackle, and some potential solutions to the challenges they pose. In signing this document we are committing our companies to a series of joint projects and individual actions over the next five years. Perhaps the most important are those regarding climate protection and use of fuels and raw materials, issues where our industry can play a significant role in developing sustainable solutions.

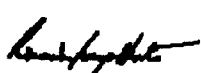
The Cement Sustainability Initiative aims to increase both our contribution to sustainable development and the public's understanding of that contribution. A sustainable future cannot be achieved by a single industry acting in isolation. Some of the measures we have committed to can be implemented in the short term, and others will require a longer period of planning and adaptation, and the active involvement of other parties. We have therefore set out an action plan for the immediate actions we can take over the next five years, and the partnerships we need to develop to deliver them. We will report our initial progress during 2005.

We acknowledge that sustainable development presents our industry and our companies with long-term strategic challenges. Individually, each of our companies has already taken effective action on a range of environmental and social issues, and has achievements to be proud of. But there is still much to be done, and we have to continue to find ways of integrating strong financial performance with an equally strong commitment to social and environmental responsibility, and open, honest dialogue with our stakeholders.

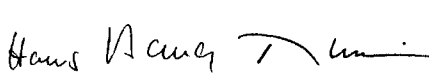
This Agenda for Action has been developed through a long, careful process of exploring what sustainable development really means for our industry. We are extremely grateful to all those who have worked with us throughout this process, and we now invite all interested parties to join with us in ongoing discussion about how our industry can best meet the challenges of sustainable development.



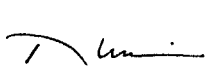
Lorenzo H. Zambrano
Chairman and CEO
CEMEX



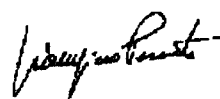
Ricardo B. Horta
Chairman
Cimpor



Hans Bauer
Chairman and CEO
HeidelbergCement



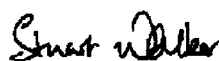
Thomas Schmidheiny
Chairman of the Board
Holcim



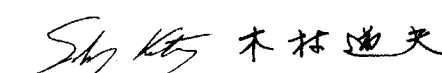
Giampiero Pesenti
Group Chief Executive
Italcementi



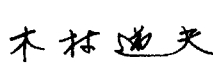
Bertrand Collomb
Chairman and CEO
Lafarge



Stuart Walker
Group Chief Executive
RMC Group



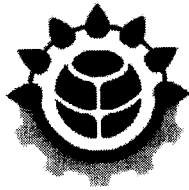
Sobson Ketsuwan
President
Siam Cement Industry



Michio Kimura
Chairman
Taiheiyō Cement



Fábio Ermírio de Moraes
President
Votorantim

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**Cement Sustainability
Initiative**

What's New?

February 7, 2006

New releases:

Guidelines for the Selection and Use of Fuels and Raw Materials in the Cement Manufacturing Process (656 kb) (PDF)

Formation and Release of POPs in the Cement Industry - Second edition (1,869) (PDF)

Newsletters

Check out our **WBCSD Cement Newsletters**.

Research Tools

Research Tools

Visit 'Managing Our Resources - Use of Alternative Fuels at Blue Circle Southern Cement' for a closer look at how Blue Circle in Australia is greening its operations.

WBCSD Studies

- **Cement**
- **Electricity Utilities**
- **Forest Products**
- **Mining & Minerals**
- **Mobility**

»Participants

April, 2004

CSI Membership
Core Members of the Cement Sustainability Initiative (CSI) include cement companies who are also members of the World Business Council for Sustainable Development. They manage the CSI, maintain the CSI Charter

(which identifies company commitments and responsibilities), help define and fund its work program, and invite new members. At the present time, there are ten Core Members.



Participating Members include cement companies who may or may not be members of the WBCSD. They agree to follow the terms of the CSI Charter, implementing identified good practices at their operating facilities. They make a modest contribution to the CSI budget. They may (but are not obliged to) participate in individual task forces responsible for elements of the work program. Participating members are invited to join the CSI by the Core Members. At the present time there are seven Participating Members.

Project Partners include other organizations (not cement producers) that wish to participate in the CSI Task Forces and bring special knowledge to the work program. Project Partners are by invitation of the CSI Core Members. At the present time there are 4 Project Partners; Cembureau (Brussels), Japan Cement Association (Japan), VDZ (Germany), British Cement Association (United Kingdom), and CIF (Australia). Communication Partners include Cement Federations (Associations) who have agreed to help communicate about the

initiative with their membership.

Core members*

- **CEMEX**
- **Cimpor**
- **Corporacion Uniland, S.A.**
- **CRH plc**
- **HeidelbergCement**
- **Holcim**
- **Italcementi**
- **Lafarge**
- **Taiheiyo Cement**
- **Titan Cement Company S.A.**

*RMC, a core member since 2000 was acquired by CEMEX in March, 2005.

Participating members

- **Ash Grove Cement**
- **Cementos Molins**
- **Cementos Portland Valderrivas**
- **Gujarat Ambuja**
- **Secil Cement Company**
- **Shree Cement Ltd**
- **Siam Cement**
- **Votorantim**

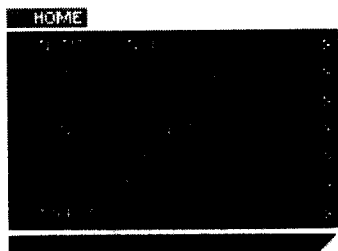
Project partners

- **British Cement Association (BCA), United Kingdom**
- **CEMENT INDUSTRY FEDERATION, Australia**
- **CEMBUREAU, Belgium**
- **The Natural Step International**
- **VDZ VEREIN DEUTSCHER ZEMENTWERKE E.V., Germany**

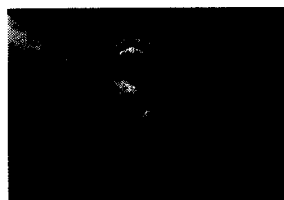
Communications partners

- **ABCP - Brazilian Cement Association, Brazil**
- **American Portland Cement Alliance, USA**
- **Cement Association of Canada, Canada**
- **Japan Cement Association (JCA), Japan**
- **Limestone Association of Japan, Japan**
- **Portland Cement Association (USA)**
- **South African Cement Producers Association (SACPA), South Africa**

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■ Responsabilidade Social e Ambiental

■ Responsabilidade Social e Ambiental | Principais Ações

Exemplos de ações relacionadas a sustentabilidade na Votorantim Cimentos faz parte desta iniciativa desde 1999. WBCSD - World Business Council for Sustainable Development.

Exemplos de Projetos de responsabilidade ambiental da Votorantim Cimentos:

Investimento Ambiental

Reservas Ambientais
Coprocessamento
Mudança Climática
Sistema de Gestão Ambiental