

## PARTNERSHIP INITIATIVES INFORMATION SHEET

### Name of the Partnership/Initiative:

#### **The Cement Sustainability Initiative**

**Expected date of initiation:** November, 1999

**Expected date of completion:** ongoing. Phase I and II completed in 2002. Next phase to be completed by 2007

### Partners Involved:

**Governments:** Ministry of Science and Technology, Portugal

**Intergovernmental organizations:** UN University (Japan), International Finance Corporation

**Major groups:** World Business Council for Sustainable Development, WWF International, 25+ sponsors and communication partners from more than 15 different countries. (See list attached).

**Other:** 10 leading cement companies: Lafarge, Siam Cement, Taiheiyo Cement, RMC Group, CEMEX, HeidelbergCement, Italcementi, Holcim, Votorantim, Cimpor

*Leading Partner:* World Business Council for Sustainable Development

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### Main objectives of the Partnership/Initiative

Please provide a brief description:

Begun in 1999, the Cement Sustainability Initiative is a contribution of 10 major cement companies working with the WBCSD toward sustainable development. The purpose of the initiative is to:

- Explore what sustainable development means for the cement industry
- Identify and facilitate actions that companies can take as a group and individually to accelerate the move toward more sustainable practices
- Provide a framework through which other cement companies can learn and participate
- Provide a framework for engaging external stakeholders

Please also provide a brief description of the relationship of the Partnership/Initiative with the objectives of Agenda 21 as well as relevant goals and objectives of the United Nations Millennium Declaration:

Cement is the critical ingredient in concrete--a basic commodity used to build the elements of modern societies, from roads to housing and schools, to hospitals, water treatment facilities and airports. Consequently the cement industry has many impacts on sustainability. Principle

sections of Agenda 21 which relate directly to this initiative include:

Chapter 2. International cooperation to accelerate sustainable development in developing countries and related domestic policies

Chapter 8. Integrating environment and development in decision making

Chapter 9. Protection of the atmosphere

Chapter 10. Integrated approach to the planning and management of land resources

Chapter 20. Environmentally sound management of hazardous wastes, in hazardous wastes

Chapter 34. Transfer of environmentally sound technology, cooperation and capacity-building

Chapter 35. Science for sustainable development

Chapter 40. Information for decision-making

**Expected results:**

Please provide a brief description:

The partnership begun in 1999, will extend over a number of years as the cement industry develops, implements, and communicates a series of guidelines and good practices to be applied to the areas of (1) climate change management, (2) use of fuels and raw materials, (3) employee health and safety, (4) emissions reduction, (5) land use and local impacts, and (6) internal business processes.

**Specific targets of the Partnership/Initiative and timeframe for their achievement:**

1. Research to identify key sustainability issues for the cement industry – **completed 03/02**
2. Stakeholder consultations to further identify and refine issues of concern – **completed in 2000-01** via a series of facilitated stakeholder dialogues in Curitiba, Brazil; Lisbon, Portugal, Bangkok, Thailand; Cairo, Egypt; Brussels, Belgium; Washington DC, USA; Beijing, China.
3. Develop Action plan for addressing issues and concerns identified via research and stakeholder consultation – **completed 07/02..** (see attached document.)
4. Individual cement companies to publish baseline data and CO2 emission targets no later than 2006 (some have already done so).
5. Participants to develop emissions measurement and monitoring protocols **by 2005**.
6. Participants and interested stakeholders to develop guidelines for environmental and social impact assessments involving limestone quarries and cement plants **by 2005**
7. Individual companies to publish rehabilitation plans for existing operating quarries **by 2006**.
8. Participants working with interested stakeholders to develop and publish guidelines on the responsible use of fuels and raw materials in cement kilns **by 2005**. Individual companies will then implement the guidelines at their facilities.

For further details, see summary document: ***The Cement Sustainability Initiative, Our Agenda for Action*** attached as supplemental material to this application.

**Coordination and Implementation mechanism**

Please provide a brief description of expected coordination/implementation mechanism of the Partnership/Initiative.

The World Business Council for Sustainable Development will continue to manage overall project coordination, stakeholder engagement, web site, and formal progress reporting. The current work plan includes six task forces, each chaired and/or co-chaired by cement company participants.

**Arrangements for funding**

Please describe available and/or expected sources of funding for the implementation of the Partnership/Initiative (e.g. donor government(s); international organization(s)/financial institution(s); foundation(s); private sector; other major groups, etc.)

Initial \$4. m (USD) funding for the research and planning phase was provided by the 10 company participants and more than 20 private sector sponsors (See list attached).

It is anticipated that cement company and other participants in the individual task forces would fund each task force's activities via equal financial or in-kind contributions.

**Arrangements for capacity building and technology transfer**

Please include information if the Partnership/Initiative provides for training, informational support, institutional strengthening and/or other capacity building measures:

Most of the cement companies involved operate facilities in multiple markets, including many developing economies. As the Initiative moves from research and planning to implementation, it is expected that smaller cement companies will be recruited to join and participate, both for training and technology transfer purposes. Participants would be engaged in guideline formulation, establishing monitoring and reporting programs, and communicating results.

Please also provide here a brief description of expected arrangements for technology transfer (if applicable).

Several of the proposed protocols and guidelines will establish environmental monitoring technology, and employee educational programs.

**Links of Partnership/Initiative with on-going sustainable development activities at the international and/or regional level (if any)**

Please provide a brief description:

The initiative will continue to operate under the umbrella of the World Business Council for Sustainable Development. Other organizations that have expressed interest in participating in some of the Initiatives' activities include the International Finance Corporation, WWF International, the World Resources Institute, and the UNEP World Conservation Monitoring Center. Specific engagement plans are still being formulated at this time.

**Monitoring Arrangements**

Please describe expected arrangements for monitoring of progress in the implementation of Partnerships/Initiative after it will be launched at the WSSD:

(e.g. frequency/modalities of preparation of progress reports; electronic updates, news-letters, etc)

The WBCSD will maintain a web site for progress reporting, new member announcements, meeting announcements, and other items. Individual companies regularly report on their sustainable development activities in a variety of corporate reporting formats. A formal interim progress report will be provided in 2005, and a final progress report on the first five years of implementation activities will be provided in 2007.

**Other relevant information:**

[Summary of research results](#)

[Summary of Action Plan](#)

[Sponsors & Partners](#)



"Battelle brochure  
16-06-02.pdf"



"Exec Summary -  
Agenda for Action .pr"



"Sponsors and  
partners list.doc"

Web-site (if available): <http://www.wbcdcement.org>

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