



World Business Council for
Sustainable Development



ecra

european cement research academy

**Stakeholder Discussion Forum:
Building a sustainable cement sector in India
19-20 September 2008
Gulmohar Hall, India Habitat Centre, New Delhi**

Overview of Events

The WBCSD's Cement Sustainability Initiative (CSI), The Energy and Resources Institute (TERI) Business Council for Sustainable Development (BCSD) India and The European Cement Research Academy (ECRA) would like to invite you to a series of events on the cement sector in India.

We are hoping to offer an international platform that allows industry specialists, equipment suppliers and academic institutions to exchange views and experience on the issues that this industry is currently confronted with and share some of the results. The objective is to highlight current developments, discuss future needs and innovation, and identify key action needed to move forward.

19.9.	International roundtable and workshop: Issues of the cement industry in India, CSI Agenda for Action, global cement database "Getting the Numbers Right" system, cement sectoral approach – international perspective and panel discussion
20.9.	International roundtable and workshop : Issues of the cement industry in India, innovation and future technology needs, research and development

Friday, 19th September 2008
09.00-18.45 hrs

The Cement Industry in India: Now and in the future

Gulmohar Hall, India Habitat Centre, New Delhi

Agenda

In 2002, the WBCSD's Cement Sustainability Initiative launched its *Agenda for Action*, a joint commitment to sustainable development by some of the world's largest cement producers. Included in this were a number of pledges, focusing on aspects of cement production like: CO₂ and climate protection, emissions monitoring and reduction, employee health and safety, responsible use of fuels and raw materials, and local impacts on land and communities.

In previous joint workshops it became clear that there are many opportunities in India to improve the industry's impact, and six years after the Agenda of Action came to life, we would like to take stock and see what has been achieved in India and where to go next.

Our international dialogue offers a platform for about 75 industry specialists, equipment suppliers and academic institutions to exchange views and experience on the specific issues in India and to better understand what different parties are doing or could be doing to address GHG emissions, resource and energy efficiency, health and safety and community impacts.

The discussion will certainly touch upon how industry sectoral approaches could encourage more efficient program designs and energy efficiency target implementation or facilitate the research and development possibilities for innovative technologies. In depth discussions on future technologies will be held on Day II.

09.00-09.30	Registration and Morning Refreshments
09.30-09.45	<ul style="list-style-type: none">• Welcome by Mr. Pratik Ghosh, Area Convenor and Associate Fellow, TERI-BCSD India• Setting the Scene by Mr. Vincent Mages, Vice-President Climate Change Initiatives – Lafarge
09.45-10.15	The Indian cement sector in the 21st century <ul style="list-style-type: none">• The Indian cement sector in the 21st century, Dr. S.P. Ghosh, Adviser (Technical) – Cement Manufacturers' Association of India
10.15-13.15 (including coffee break)	CSI Agenda for Action in India: Deepening Implementation Chairperson & Moderator – Mr. M.K. Singhi, Executive Director – Shree Cement Ltd. <ol style="list-style-type: none">1) Employee health and safety – Mr. Biprajit Chakravarty, Corporate OH&S Head – ACC Ltd.2) CO₂ and climate protection – Mr. Rakesh Bhargava, Senior General Manager Environment – Shree Cement Ltd.3) Responsible use of fuels and raw materials – Mr. L. Rajasekar, Joint Executive President, Cement Business Manufacturing – Grasim Industries Ltd.

	<p>4) Emissions monitoring and reduction – Mr. KC Narang, Technical Adviser – Dalmia Cement (Bharat Ltd)</p> <p>5) Local impacts on land and communities – Mr. Sandip Ghose, Senior Vice President, Corporate Affairs – Lafarge India Pte Ltd.</p> <p>6) Concrete Recycling – Mr. Vivek Agarwal, Joint Executive President, Marketing – Grasim Industries Ltd.</p> <p>Open floor discussion: Enhancing implementation in India / Institutionalizing CSI in India</p>
13.15-14.15	Lunch
14.15-15.15	<p>‘Getting the Numbers Right (GNR)’ System</p> <ul style="list-style-type: none"> Mr. Bruno Vanderborght, Vice-President – Corporate Industrial Ecology, Holcim
15.15 -16.00	<p>Understanding and Misunderstanding Cement Sectoral Approaches: The international context</p> <ul style="list-style-type: none"> Ms. Stefanie Held, Project Manager – WBCSD / CSI
16.00-16.30	Tea / Coffee Break
16.30-17.30	<p>High Level Panel Discussion: Building a sustainable cement sector in India</p> <p>Co-Chairpersons & Moderators</p> <ul style="list-style-type: none"> Mr. Santosh Kumar Maheshwari, Group Executive President – Grasim Industries Ltd. and Ms. Stefanie Held, Project Manager – WBCSD / CSI <p>Panelists:</p> <ul style="list-style-type: none"> Dr. Prodipto Ghosh, Member of the Prime Minister’s Council on Climate Change Dr B Sengupta, Member Secretary – Central Pollution Control Board Mr. Vincent Mages, Vice-President Climate Change Initiatives – Lafarge Mr. M.K. Singhi, Executive Director – Shree Cement Ltd. M. K. Chaudhary, Senior Vice President – Manufacturing, Lafarge India Pte Ltd.
17.30-18.15	Open floor Discussion
18.15-18.45	<p>Closing Remarks and Brief Introduction to Day II</p> <ul style="list-style-type: none"> Mr. Vincent Mages, Vice-President Climate Change Initiatives – Lafarge Mr. Girish Sethi, Director – Industrial Energy Efficiency, TERI <p>Special Remarks: Dr. R.K. Pachauri, Director-General – TERI, and Chairman – IPCC</p>
18.45 onwards	Reception and Dinner (Charminar, India Habitat Centre)

Saturday, 20 September 2008
09.00-16.00 hrs

The Cement Industry in India: Innovation and Future Technologies

Gulmohar Hall, India Habitat Centre, New Delhi

Agenda

This is the second in a series of technology workshops that the CSI is hosting on the topic of future technologies in the cement sector. This time in collaboration with TERI and ECRA to exchange views and experience on the future technology needs of the cement sector in India and to better understand what different parties are doing or could be doing to address GHG emissions, resource and energy efficiency.

We are hoping to offer an international platform for about 75 industry specialists, equipment suppliers and academic institutions to highlight current developments, discuss future technology needs, and identify key action needed to move forward in India with a particular focus on innovation and research and development as well as deployment of innovative technologies in concrete and cement manufacturing.

09.00-09.30	Registration and Morning Refreshments
09.30-10:00	<ul style="list-style-type: none">• Welcome by: Ms Annapurna Vancheswaran, Director – SDO, TERI• Introductions & Setting the Scene by Mr. Rob van der Meer, Director – EU Public Affairs, HeidelbergCement
10.00 -10.30	<p><u>Established Technologies and Energy Management: The path towards GHG mitigation in India</u></p> <ul style="list-style-type: none">• Shri Ashwani Pahuja, Head CME– National Council for Cement and Building Materials (NCCBM)
10.30-11.00	Tea / Coffee Break
11.00 – 12.30	<p>Session theme: Innovation and Technology Development</p> <p>Moderated by Mr. Rob van der Meer, Director – EU Public Affairs, HeidelbergCement</p> <ul style="list-style-type: none">• <u>Introduction and overview</u> – Mr. Rob van der Meer, Director – EU Public Affairs, HeidelbergCement• <u>Overview of Research & Development efforts</u> – Dr. Frank Zeman, Post Doctoral Scholar, Lenfest Center – Columbia University• <u>Innovation and optimization in cement grinding</u> – Mr. Martin Schneider, Chief Executive Officer – European Cement Research Academy (ECRA)

	<ul style="list-style-type: none"> • Roller presses: New developments and optimization of existing technology - Mr A K Dembla, Senior Vice president, Global Sales and Marketing – Humboldt Wedag India Ltd • Separators: New generation and optimization of existing technology – Mr. R.S. Mani, General Manager, CSPTI – FLSmidth • Latest Technological trends in the Indian Cement Industry – Mr Kamal Kumar, Chief General Manager – Holtec Consulting Pvt. Ltd <p>Open floor Discussion</p>
12.30 – 13.15	<p>Session theme: Carbon Capture and Storage in the Cement Industry</p> <p>Moderated by Mr. Rob van der Meer, Director – EU Public Affairs, HeidelbergCement</p> <p>CO2 Capture and Storage: Options and challenges for the cement industry. Mr. Martin Schneider, Chief Executive Officer – European Cement Research Academy (ECRA)</p> <p>Open floor Discussion</p>
13.15 - 14.00	Lunch
14.00-15.00	<p>Session theme: Technology Deployment and Dissemination</p> <p>Moderated by Mr. Martin Schneider, Chief Executive Officer – European Cement Research Academy (ECRA)</p> <ul style="list-style-type: none"> • Finding a path to India for these technologies – Ms. Cecilia Tam, Energy Technology Policy Division – IEA • Financing technology deployment and dissemination for promoting sustainability – Mr. Sushil Anand, Investment Officer – IFC South Asia • CO2 reduction technology and role of suppliers – Mr. Kevin R. Happ, Product Manager, Pyro Technology – FLSmidth
15.00-15.45	<p>Followed by Panel discussion: In the panel along with above speakers the following will join in:</p> <ul style="list-style-type: none"> • Mr. Rob van der Meer, Director – EU Public Affairs, HeidelbergCement • Dr. Frank Zeman, Post Doctoral Scholar, Lenfest Center – Columbia University
15.45-16.00	<p>Closing Remarks</p> <ul style="list-style-type: none"> • Mr. Rob van der Meer, Director – EU Public Affairs, HeidelbergCement • Mr. Girish Sethi, Director – Industrial Energy Efficiency, TERI
16.00	Close of Event with High Tea