

10. Road Map for 2009

Strategy

Organization: To strengthen CSR and environment management functions.

Policy: To formulate and adopt policies for Human Rights and Charities & donations.

Coordination: Constitution of CSR/SD committee to coordinate reporting and target setting in CSR & SD matters.

Materiality: Validate internal matrix for external stakeholders using third party verification.

Data: To streamline CSR/SD Data collation and reporting.

Sustainability report: To release next report in 2010 for the year 2009.

Economic

Vendor appraisal for sustainability performance.

Sustainable construction – to establish Centre for Excellence in Sustainable Housing and Rural Infrastructure in partnership with Development Alternatives.

Environment

Electrical Energy: Reduce 2.5% in specific energy consumption over the year 2007

Continuous Emission Monitoring System: To install Online measurement of SO_x, NO_x and VOC in one of the plant and review its performance.

Emissions: To measure and report emissions every year.

- CO₂ : to reduce 2.5% in specific CO₂ emission over the year 2007
- Dust: To maintain emissions less than statutory norms and reduce specific dust emission by 2.5% over the year 2007.
- SO_x: Norm of 500 mg/Nm³ proposed by CPCB draft regulation accepted.
- NO_x: Norm of 1000mg/Nm³ proposed by CPCB draft regulation accepted.

Emissions: Heavy metals, dioxins & furans: To maintain emissions below CPCB/State Pollution Control Board regulations.

- Fugitive air emission: improve ambient air quality as per new statutory norms.
- To reduce respirable particulate matter to 150 µg/m³ in ambient air.

Kiln ESP's to be converted to **Bag Houses/New Bag House** for 5 kilns in 2008.

To provide waste management solutions through **co-processing** from all ACC plants to surrounding industries.

Total waste co-processed of 0.4 millions tonnes by 2009 including biomass, waste derived fuels, fuel rejects, industrial non hazardous and hazardous waste.

To install **infrastructure for co-processing** waste materials in all the plants

Plantation for bio-mass – to plant 5,00,000 trees

Launch of **Geocycle** brand for waste management services

Maintain leadership in **utilization of fly-ash**, slag and phospho-gypsum.

Bio diversity: To assess our impact on flora and fauna around plant and mines.

Water management – achieve zero waste and self sufficiency

OH&S – Zero fatality (2008: LTIFR – 0.76 & LTISR – 28.95 ● 2009: LTIFR – 0.61 & LTISR – 23.16 ● **Note:** Targets for the Year 2009 will be reviewed based on the achievements of Year 2008).

Social

Community Needs Assessment - To be completed at all plants by 2009

Improve **Quality of life** for employees, particularly at plant townships.

Measure effectiveness of 70% of CSR programmes using Holcim's Social Engagement Scorecard model

Partnerships with NGO's: to identify and engage for issues such as livelihood generation, capacity building and women's empowerment.

Training: To impart sustainability training and awareness to key persons.

Human resources: to strengthen employment practices

Sustainable **livelihood** generation – to identify and facilitate plant wise opportunities in vocational guidance and income generating schemes.

HIV /AIDS programme – to strengthen awareness programmes at all plants and measure effectiveness & coverage.