



Independent assurance over our 2005 CO₂ inventory

Holcim engaged KPMG LLP to provide assurance over the 2005 CO₂ inventory of our global cement operations. This review covered four key indicators for direct CO₂ emissions - absolute gross, absolute net, specific gross and specific net - which are reported according to the WBCSD Cement CO₂ Protocol (version 1.6, October 2001).

KPMG LLP issued an independent assurance report on 15 June 2006 → [more](#)

Our objectives in commissioning this work were to:

- learn from the assurance process and to share experience and knowledge about the issues involved in emissions monitoring and reporting within Holcim and with interested parties outside our business;
- obtain an independent assurance report on our CO₂ emissions data for the year ended 31 December 2005;
- add credibility to our reported CO₂ data for our external stakeholders.

The KPMG LLP review identified several strengths in our inventory process and system, including:

- the continued commitment by our senior management to developing and reporting an accurate, complete, consistent and transparent inventory of our CO₂ emissions;
- the use of data from our business reporting systems to calculate our CO₂ emissions provides confidence in our control over the data;
- the implementation of the WBCSD Cement CO₂ Protocol across the Holcim Group to provide a consistent basis for reporting;
- the incorporation of CO₂ emissions in Group company environmental performance indicators and into our Group operational roadmap, which allows a management focus on performance improvement.

The KPMG LLP review also identified some areas for improvement. We are committed to continuing to improve our CO₂ inventory process. Therefore, based on the findings of the review, we will work to:

- clarify guidance on the determination of thermal energy data from fuels, to ensure greater consistency in approach across the Group;
- review our use of default data, and move towards using site specific information where more accurate information is consistently available;
- develop and document procedures for CO₂ inventory development and quality assurance processes at all levels;
- use all reasonable efforts to support controlling management in its endeavours to improve the reliability and consistency of reported data from those plants in which we have an equity share, but do not have management control.