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EVENT NOTICE

International Energy Agency and Cement Sustainability Initiative Announce Cement Sector Roadmap

The International Energy Agency (IEA) and the World Business Council for Sustainable Development (WBCSD) Cement Sustainability Initiative today at events in Washington DC and Brussels have released a roadmap for cement sector sustainability. *Cement Technology Roadmap 2009 – Carbon emissions reductions up to 2050* includes a detailed vision for reducing CO₂ emissions from cement production 18% by 2050, and highlights the role that carbon capture and storage (CCS) and other technologies will need to play to achieve this goal. At the Washington launch, IEA Deputy Executive Director Richard Jones said “The IEA commends the cement sector for its leadership in addressing the urgency of reducing CO₂ emissions; this roadmap is a critical first step on the path to sustainability and demonstrates to other emissions-intensive sectors the progress that can be made by expanded international collaboration.” The roadmap also documents a series of global and regional milestones that will be used to measure progress towards technology development, policy adoption and CO₂ reductions.

Key messages from the cement roadmap include: (1) cement will remain a key material for building societies’ infrastructure; (2) options available today (use of best available technology, alternative fuels and clinker substitutes) while helpful, are not sufficient to counteract growth in demand as developing economies continue to grow and urbanise; (3) greater international collaboration and public private partnerships should be encouraged to help speed up research, design, development and deployment of necessary new technologies; and (4) CCS will be a particularly important technology for the cement sector, delivering an estimated half of the sector’s CO₂ reductions in 2050.

The events also featured additional discussion and results from the recently released IEA *CCS Roadmap*, which spells out an international pathway for technology, policy and public acceptance for this critical CO₂ mitigation technology. Key messages from the CCS Roadmap include: (1) CCS will need to rapidly move from demonstration to commercialisation in the next decade, with the need for 100 large projects globally by 2020; (2) CCS is more than just “clean coal” – industrial sectors and fuel transformation will account for more than half of the CO₂ captured worldwide in 2050; and (3) while OECD countries will need to lead in demonstration, due to the expected rise in fossil-based CO₂ emissions, CCS will need to be rapidly deployed in the fast growing economies in order to achieve global climate change goals.

More information about the Cement and CCS Roadmaps can be found at www.iea.org/roadmaps.

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