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Concrete³ 2009 Concrete³ Award



Economic, Social, Environmental

Along with the New Zealand Concrete Society (NZCS) Awards - see below, the 2009 Concrete³ Sustainability Award will be presented at the Concrete Industry Conference in Rotorua, 8-10 Oct.

Building on the success of last year, the 2009 Award is open to entries from the entire building and construction sector that demonstrate sustainability excellence in relation to cement and concrete.

The opening date for entries, criteria and submission process will be outlined in the May issue of *grey matters* and the June issue of *Concrete* magazine.

2009 Concrete Industry Awards

Entries are open for the NZCS Biennial Concrete Awards. The awards seek to celebrate excellence in the use of concrete, recognise the contribution of firms and individuals to significant concrete projects, increase the knowledge and understanding of all aspects of concrete, and support the responsible development and use of concrete. Awards categories are as follows:

- Infrastructure Award
- Residential Award
- Landscaping Award
- Technology Award
- Monte Craven - Architectural Building Award

Contact the NZCS (09) 536 5410 or concrete@bluepacificevents.com

Concrete for a Sustainable World - online

The CCANZ and Concrete³ produced short film *Concrete for a Sustainable World* is now available online. By highlighting innovations and efficiencies in concrete's manufacture, along with its attributes in a range of applications, the film seeks to demonstrate how concrete meets the current global imperative of operating in a sustainable manner. In so doing, the film also aims to enable an informed understanding of concrete's contribution to sustainable building solutions.

The ten-minute film, fronted by Samantha Jukes, can be watched on the [Concrete³](http://Concrete3.com) website - free copies of the DVD can also be requested.



Samantha Jukes - explores sustainable building solutions

Waste Minimisation - MfE Discussion Document

The Ministry for the Environment (MfE) has released the [Waste Minimisation in New Zealand](#) discussion document for public consultation. The purpose of the discussion document is to seek feedback on policy proposals to implement the Waste Minimisation Act 2008.

As part of the consultation process, MfE is seeking feedback on the following five topics:

- Revising targets for the New Zealand Waste Strategy
- Identifying products that are priorities for product stewardship
- Identifying funding criteria for the Waste Minimisation Fund
- Monitoring waste in New Zealand
- Improving the operation of the waste levy

CCANZ largely supports the submission presented by Business NZ. This expresses concerns relating to a lack of evidence provided in support of a number of measures outlined in the document.

Submissions on the paper will be accepted until 5pm on Friday 15 May 2009.

Minister addresses RMBF Conference

Building & Construction Minister, Hon. Maurice Williamson, spoke recently at the annual Registered Master Builders Federation (RMBF) conference held in Blenheim. In addressing the issues of infrastructure investment, building legislation, regulatory review and affordable housing, the Minister painted a cautiously optimistic outlook for the sector:

These are difficult and challenging times for the building and construction sector – in fact for all of us. The building and construction sector is important to the New Zealand economy. It contributes more than 5 per cent of GDP, and employs 7.5% of our workforce.....As you know the housing market has corrected, and is likely to continue to do so for a while yet. The commercial sector is adjusting now. But demand will return to the market. We need to be ready when it does.

The Minister's entire speech can be viewed on the [Beehive](#) website.

Concrete House wins Sustainable Homes competition



Future Homes NZ won the *Sustainable Homes under \$500,000 Award* sponsored by the Department of Building and Housing in the recent Registered Master Builders *2008 House of the Year and Commercial Project Awards*, in association with PlaceMakers.

The award-winning concrete house is located in Acacia Bay, Taupo. Innovation is clearly evident in the design, insulation and use of natural resources. It was designed with the specific aim of capturing all-day sun.

"I've been using the polystyrene wall system for about 10 years and have built 14 homes with the product. I've lived in three of those houses. There is a huge difference

in their comfort level compared with conventionally constructed homes," says Alan Baddeley, owner and director of Future Homes NZ. "These homes are easy to heat and cool. This combination of features and systems reflects considerably on the energy bills."

The judges commented that the builder had made a really conscious effort to achieve sustainability - considering every detail and lifetime cost of methods and materials. The unique wall system - made of 200mm polystyrene panels and reinforced concrete - was a real highlight. The innovative system achieves highly effective insulation and an R-value at least double the accepted standard in NZ.

For more information visit the [RMBF](#) and [Future Homes NZ](#) websites.

Upcoming Conferences

NZCID Building Nations Symposium 2009. 12-13 August 2009, Te Papa, Wellington



**BUILDING NATIONS
NZCID SYMPOSIUM**

The New Zealand Council for Infrastructure Development (NZCID) is proud to announce the fourth annual NZCID Symposium: Building Nations 2009. The Symposium is a

one and a half day conference, providing a platform for strategic best practice discussions to advance the industry agenda for infrastructure development. This major annual infrastructure industry conference is the must-attend industry event for information sharing and networking between public and private sectors in New Zealand. For more information visit the [NZCID Building Nations Symposium](http://www.nzcid.org.nz) website.

New Zealand Sustainable Building Conference – (SB10 NZ) 26-28 May 2010, Te Papa, Wellington

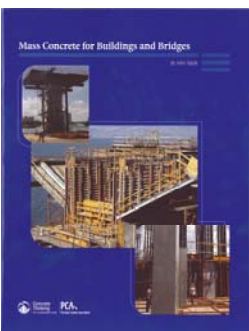
The New Zealand Sustainable Building Conference – (SB10 NZ) will bring together a wide range of industry stakeholders to focus on the issue of sustainable building in the New Zealand environment.

Local and international speakers have been invited to share their knowledge and insights on innovative, high performance and low impact approaches to developing, maintaining and retrofitting the built environment for sustainability. Topics will span policy, planning and design, construction, maintenance, refurbishment, reuse and deconstruction. The focus of the conference will be the future of New Zealand's built environment and how to transform the building sector.

For more information visit the [SB10 NZ](http://www.sb10nz.org.nz) website.



CCANZ Library - Recent Additions

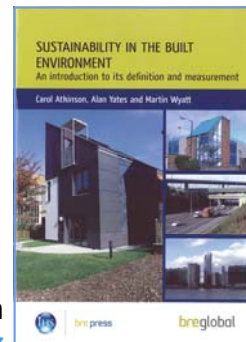


Mass Concrete for Buildings and Bridges by Portland Cement Association

Mass concrete has been historically associated with large structures such as dams and other large volume placements. However, due to the increasingly common use of fast-track construction practices and high-performance concretes with high cementitious material contents, mass concrete issues are being encountered in typical bridge and building placements. This document provides practical guidance on understanding mass concrete, how to manage concrete temperatures, and prevent or minimize temperature-related cracking. Understanding the implications of using mass concrete (high internal temperatures and temperature-related cracking) is the key to producing a structure that provides many years of service.

Sustainability in the Built Environment: An Introduction to its Definition and Measurement by Atkinson, Yates and Wyatt

The measurement of environmental performance and sustainability in the built environment is one of the most important issues facing policy makers and industry today. This report brings together current thinking on defining and measuring sustainability, and sets out the key issues in this complex area. The subject is rapidly moving and this introduction provides an overview of the initiatives in the UK and internationally. It outlines a representative sample of the major tools and other initiatives that encourage improved performance in this field and describes the common features of assessment tools. To borrow either of these items email: library@cca.org.nz



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