

# ANNUAL REPORT

July 2006– June 2007





## Chairman's Comments



While growth within some sectors of the construction industry has been more moderate than previously experienced, the market as a whole once again enjoyed high levels of activity over the past year. Developments

within the legislative environment have also continued to be frequent and far-reaching. During such periods of growth and transition, the representative role fulfilled by CCANZ on behalf of the concrete industry is immensely important.

One particular area where CCANZ has invested substantial time and energy has been in maintaining a working relationship with the Department of Building and Housing (DBH) regarding the Building Code Review and the Licensed Building Practitioner Scheme. Evaluating the consequences of DBH's numerous initiatives, and voicing the industry's collective view is crucial to ensure the benefits of concrete and concrete products are fully understood by Government and its various agencies.

CCANZ's ongoing effectiveness in identifying and addressing issues of industry concern is built upon the strong trust and respect it has

fostered within the concrete industry and with external organisations. The support provided by various sector associations is also invaluable.

On behalf of the Board, I would like to commend the staff at CCANZ for their professional conduct, competency and resourcefulness in executing the 2006-07 Business Plan.

A special mention must be made of former CCANZ Chair and long-time board member, Chris Badger, who passed away in June this year following a long struggle with cancer. Over the past decade Chris has played a leading role in shaping the structure and growth of the concrete industry from his roles as General Manager of Golden Bay Cement and Firth Industries.

It has been my privilege to chair the CCANZ Board for the past two years. I will step down at the A.G.M. in September and be replaced as Chair by Glenda Harvey, Manager – Human Resources, Holcim (New Zealand) Limited. I offer my sincere thanks to all Board members for their contribution and support during my time as Chair and I look forward to continuing my involvement at Board level.

**Andrew Moss**  
CHAIRMAN

## Chief Executive's Foreword



The 2006-07 year has been another extremely busy year for CCANZ. The legislative environment continues to evolve as the Building Code Review and the Licensed Building Practitioner Scheme take further steps towards completion.

The emphasis on sustainable development has also intensified during the past twelve months.

In liaison with the industry, CCANZ has formulated and implemented strategies in response to these developments that are specifically designed to ensure opportunities for concrete, both now and in the future.

CCANZ continues to foster effective relationships with a range of government departments and agencies, while also increasing its involvement with various external organisations. For instance, I have been elected to the Board of the Building and Construction Industry Training Organisation (BCITO), a position from which I can focus on

the development of qualifications that are relevant to the concrete industry. Education and training will always be central to CCANZ's activities, as they play a vital part in the development and ongoing success of our industry.

The achievements secured by CCANZ during the year will benefit the entire industry, and could not have occurred without our dedicated staff. I would personally like to thank our current and former frontline staff Alan, Rob and Dene, together with the support team of Cathy, Angelique and Adam.

On behalf of the CCANZ team, I would like to thank our Board members for their contribution throughout the year and, in particular, to Andrew Moss for his guidance as Chair.

Finally, it is appropriate to acknowledge the ongoing support and assistance that we receive from a wide range of industry personnel. This input contributes greatly to CCANZ's performance.

**Patrick V McGuire**  
CHIEF EXECUTIVE



## Industry Leadership

Within the ever-changing New Zealand building environment, CCANZ's leadership is vital in developing strategies that ensure concrete's competitive position is maintained and enhanced.

The Annual Planning Workshop remains the primary means for pan-industry issue identification and prioritisation. The workshop was held in Wellington during March 2006, was attended by all sector associations, and provided the basis for CCANZ's 2006-07 Business Plan.

CCANZ continued its role as the industry's voice in liaising with such organisations as the Construction Industry Council (CIC), Standards New Zealand (SNZ), and the Institution of Professional Engineers (IPENZ). CCANZ's well-established relationship with the Building and Construction Industry Training Organisation (BCITO) was further strengthened by the appointment of the CCANZ Chief Executive to the Board.

## Government Relations

Throughout the year, CCANZ has monitored proposed legislative changes and engaged with government to develop appropriate responses to advance the industry. Of particular note is CCANZ's ongoing involvement with the Department of Building and Housing (DBH) in relation to the Building Code Review and the Licensed Building Practitioner Scheme. CCANZ's submissions, including those summarised below, are available on the website: [www.cca.org.nz](http://www.cca.org.nz).

### Building for the 21st Century - Review of the Building Code

In reviewing this DBH discussion document CCANZ expressed strong support for the proposed objectives and features for durability. A move from a 50-year design life to a 100-year design life was urged. The importance of

protection from high noise level sources outside buildings was also stressed, along with the need for fire safety provisions to include *all* buildings not just *occupied* buildings.

### Green Star Pilot Scheme

CCANZ expressed concern that the proposed New Zealand Green Building Council scheme appeared to ignore the use of materials that are extracted and manufactured regionally. CCANZ also stressed that non-durable building components result in high life cycle costs due to maintenance, repair and premature replacement, and that durability is often compromised when designers and owners confuse it with the issue of first cost.

### Energy Efficiency of Buildings, Proposed Changes to H1 of the Building Code

CCANZ broadly supports the drive to improve the energy efficiency of our housing stock. In reviewing the consultation documents, CCANZ identified areas where changes were necessary to achieve the optimal benefits (in terms of energy savings) to capital cost ratio.

### Waste Minimisation (Solids) Bill

Together with Business New Zealand, CCANZ opposed the Waste Minimisation (Solids) Bill. CCANZ advised that while the industry generally supports the concept of waste reduction in the construction sector, it believes that if enacted, the Waste Minimisation (Solids) Bill has the potential to impose significant costs on the concrete industry.

## Research & Development

One CCANZ function is to evaluate trends and formulate appropriate actions that will maintain concrete's competitive position. This often requires research to determine the performance and suitability for the New Zealand market of a new technology.

An initiative of note during the 2006-07 year was a study trip to Western Australia, in association with PaveSpec Limited, to view the manufacture and use of Hydrated Cement Treated Crushed Rock Base, and to assess how it could potentially be applied within New Zealand to improve the longevity of our roads.

CCANZ was also invited to join the Stabilisation Working Group (SWG), which was established under the auspices of Roothing New Zealand. Comprised of representatives from the wider roading industry, the purpose of SWG is to identify, develop, document, maintain and facilitate best practice for stabilising activities associated with roading and other infrastructure activities.

SWG has been charged with preparing *Specification for In-situ Basecourse and Subbase Stabilisation Using Cementitious and/or Bituminous Binders for State Highways for Transit NZ*. Other specifications to be produced include in-situ modification, in-situ bound, plant-mixed modification and plant-mixed heavily bound.

CCANZ has also participated on the technical steering group set up to advise the Land Transport New Zealand project *The Design of Stabilised Pavements in New Zealand*, which has involved a series of trials on stabilized materials at the Canterbury Accelerated Pavement Testing Indoor Facility, CAPTIF.

## Sustainability of Concrete

During 2005-06 the Sustainability of Concrete project sought to provide sound and robust technical information on issues surrounding concrete's contribution to sustainable development. Following on from this information-gathering phase, CCANZ committed significant resources during 2006-07 to planning a research framework and communication strategy that will be implemented in the 2007-08 year.

The development of a thermal modelling tool, along with research into the CO<sub>2</sub> absorption

capabilities of concrete, and a technical review of recycled aggregate has been scheduled. A communications campaign is also planned.

## Communications

CCANZ uses both hardcopy and electronic communications tools. *Concrete* magazine and the *Grey Matters* newsletter continue to be well received, while the CCANZ website receives an increasing number of hits.

Over the year, CCANZ Chief Executive Patrick McGuire contributed a regular opinion piece in the national trade publication *New Zealand Construction News*. The opinion piece is just one example of CCANZ's attempt to secure a more visible presence within trade media.

During 2006-07 CCANZ developed an online presence for the New Zealand Master Concrete Placers' Association – [www.mcpa.org.nz](http://www.mcpa.org.nz). Updated regularly, the website contains information dealing with small business matters as well as concrete placement.

## Technicians' Course

The 2006-07 year saw the always-popular concrete technicians' course redesigned as three separate one-day courses, covering an introduction to the concrete industry, concrete testing and concrete technology. The courses carry NZQA credits towards the National Certificate in Concrete Production.

## Staff Changes

In March 2007 Dene Cook, Project Manager at CCANZ, left to become National Technical Manager with Firth Industries. CCANZ would like to acknowledge the outstanding contribution and commitment shown by Dene during his time with CCANZ.

We look forward to welcoming David Baird, an architect currently practicing in Auckland, who is joining the CCANZ team as a Project Manager in October 2007.

