

The significance of this date, 7 July 2007, on the world calendar for building does not appear to have had the impact, at least in Australia, that one might have expected. Apart from its mathematical novelty, if you haven't recognised it, it is the **half way mark for the fifteen year period targeted by the United Nations to halve world poverty**. Tragically, it is behind schedule.

The **Eight Millennium Development Goals (MDGs)** are:

1. Eradicate extreme poverty and hunger
2. Achieve universal primary education
3. Promote gender equality and empower women
4. Reduce child mortality
5. Improve maternal health
6. Combat HIV and AIDS, malaria and other diseases
7. Ensure environmental sustainability
8. Develop a global partnership for development.

Information on some measures of the progress that has been achieved is published in various website. See for example: <http://www.un.org/millenniumgoals/pdf/mdg2007.pdf> :

The Millennium Development Goals Report 2007 of United Nations

CIOB members can certainly relate directly to MDGs 1, 7 and 8. If all of the goals, essential to the well being of our fellow man, are to be achieved then organisations such as ours must keep them foremost in our ambitions for our global environment.

Asia Pacific Members' Forum

Kuala Lumpur 2007

The first meeting of the Asia Pacific Members Forum was held in Kuala Lumpur in May. CIOB has created the Members' Forum to provide a voice for members and a way of tapping into the knowledge and energies of the membership to benefit our profession and the organisation.

The Members' Forum is made up of one representative from each Branch or Region (the President or his/her nominee) and an additional 20 members from around the world, according to the number of members in each zone. The Chair of the Members' Forum is the President of the CIOB or a nominee. There will be two meetings of the forum annually in the UK, one of which is likely to be aligned with the CIOB annual dinner and a major conference. There are also two 'local meetings' planned for the 'UK & Ireland cluster' and the 'Asia Pacific cluster' to discuss and develop ideas of local importance.

The Members' Forum should become a powerful voice within CIOB, its key roles are:

- To appoint a number of people to the key governance committees charged with running CIOB and to receive reports from its appointees. This will facilitate direct feedback to members from these committees.
- To act as a 'sounding board' for the Trustees and to discuss, investigate and prepare reports and papers in response to requests from them; facilitating the direct input of members' ideas to the Trustees and committees.
- To share best practice, address issues of local importance at national and international level and to address issues of major importance to the industry.
- To seek to influence the Board of Trustees and its Committees of Governance in the interest of public benefit or members' benefit.

The purpose of the KL meeting and a similar one in the UK was to 'sign off' on the structure and concepts of the Members' Forum; this was achieved with only minor amendments to the proposals developed in the UK last year. Once the overall governance changes are approved at an EGM, the internal structures within the Forum may be developed to allow effective contribution by all interested members to focus the groups and subcommittees within the Forum which

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Mr. Isaac Sunder Rajan, President CIOB Malaysia with Patrick Weaver, President CIOB Australasia, at the Members Forum, KL.

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CIOB Calls for Construction's Role on Climate Change Committee **CIOB press release**

The Chartered Institute of Building (CIOB) has called for the Committee on Climate Change, as proposed in the Governments draft Climate Change Bill, to include expert representatives from the construction industry.

Michael Brown CIOB deputy chief executive said, "The Government has stated that the construction, occupation and maintenance of buildings account for around 50 per cent of the UK's total CO2 emissions, so it would seem sensible that the industry is well represented on any such committee on Climate Change.

"The CO2 target of a 60% reduction by 2050 and 26-32% by 2020 is welcome, but what we need greater clarity on how we are measuring this performance. Targets are the obvious way to reach the solution, but as an industry we need something to aim for and we need to know how these targets breakdown and can be achieved.

"There are also still questions that remain about

the powers of the Committee. The CIOB supports the establishment of an independent body, as suggested in the Bill. But we do not believe that the proposals indicated go far enough. For true integrity, the Committee should be able to regulate the performance of government without political interference."

The Government's draft Climate Change Bill is currently undergoing pre-legislative consultation. The Bill will give statutory force to the Governments targets for cutting emissions by 60 per cent by 2050.

In addition the Bill will introduce five year carbon budgets, which will require the Government to set, in secondary legislation, binding limits on CO2 emissions during five year budget periods, begin from 2008.

The Bill will also establish a Committee on Climate Change to work with the Government to reduce emissions over time.

Asia Pacific Members' Forum, Kuala Lumpur 2007

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are working on issues and topics of importance.

Whilst in KL, I took the opportunity to present Dr Paul Shepherd with a token of our appreciation of the unstinting support he has shown to the Australasian Region during our formative years. Paul is a former President of the CIOB and has been Chair of the International Board for the last six years. It has been during this time that our

region was approved, founded, staffed and has become firmly established as a part of CIOB International. The International Board will cease to exist under the new governance structure with many of its roles being assumed by the new Members' Forum.

Report by Patrick Weaver, President CIOB Australasia.

Editorial

This issue of contact includes a larger number of "home grown" articles, a confirmation of the growing activities of CIOB Australasia. We are particularly pleased to be able to publish the results of the CIOB Student competitions, even if we must apologise that we do not have photographs of all of the winners.

Our cover page article 07/07/07 is in sobering contrast to the extravagant expenditure in the Emirates, on the Olympics and elsewhere in the Developed World that we have seen in previous issues of our newsletter and in the media in general.

As always, your views and input are most welcome.

The Editor

Notice: Facts and opinions expressed in this publication are those of the authors of the articles. They may not be the official position of CIOB on any given matter.

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President's Column

Whilst July marks the start of the new financial year for most of us, it is mid way through the CIOB financial year and just one quarter of the way through our new Council's term.

Since the last newsletter, CIOBA has continued to grow and to expand.

Events in Christchurch and Wellington are expanding our presence in New Zealand. Paul Spray has accepted the role of Centre Chair in Victoria and Jodie working in our Sydney Office with our Centre Committees has a full schedule of events planned for the balance of 2007. All members and friends of CIOB can help in this effort by identifying interesting people who may be willing to present a paper at one or more of our Centre meetings, or who is planning to travel to another Centre for business and would be happy to include a talk to members during the trip. All Jodie needs is the introduction to start making the connections. Jodie can be contacted by email at jrichardsmccabe@ciob.org.au.

Strategically, we are starting to focus on formal recognition of CIOB credentials and events by various arms of government around our Region. This is particularly important in those States requiring formal CPD records for holders of various builders' licenses as well as for CIOB members looking to migrate to Australia.



We have developed a strategy to formalise this recognition progressively, which will add significantly to the value of CIOB membership for many individuals. This initiative augments our current and continuing focus on improving member services and University liaison.

The other critical job to be completed in the

next few weeks is our budget for 2008. All of the Centre Chairs have been asked for input and ideas but as a membership based organisation, all of your ideas are welcome. If you feel there is something we should be doing send an email to either myself or our Regional Manager, Elizabeth for consideration. Framing our budget is just the start of the approval process but if we don't ask, we won't get; so now is the time for your ideas and suggestions.

Internationally, we are starting to see the fruits of CIOB's governance review. The transition from the old Council to the new governance structure has started and will be completed by mid 2008. The first 'local' meeting of the new Members Forum was held in Kuala Lumpur in May and the result of the energy expended on modernising CIOB is emerging for our primary purpose of developing professional construction managers world-wide. I believe this will make a huge difference to the way CIOB operates and in its ability effectively to deliver new and enhanced services to all members.

For an organisation approaching its 175th year, it is exciting times.

Patrick Weaver
President, CIOB Australasia

International Opportunities



The Systech Group is a Global top ten Quantity Surveying, Commercial Management and Dispute Resolution Consultancy with offices in 5 continents and 20 years of successful growth. We have an interesting and varied portfolio of projects across Australia, Asia, the Middle East, UK and USA, including some of the largest projects in the world. We provide a range of services from commercial management, contract administration through to claims preparation and are recognised as the largest consultancy of our type.

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UNITED KINGDOM

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CIOB Australasia Congratulates Award-Winning Students.

CIOB Australasia presents Excellent student awards each year, recognising the best final year undergraduate dissertation and the best 'building' research completed during the year. Universities where construction programs are recognised by the CIOB are invited to nominate one student for each of three categories. This year's awards are:

Excellent Building Postgraduate (research) Award:

Myzatul Aishah Kamarazaly, Massey University Wellington: "Outsourced vs In-House Facilities Management: Framework for Value-adding Selection". Still studying at Massey.

Jian Jian Du, Deakin University in Melbourne: "Analysis of Employee Turnover amongst Construction Managers in Hubei Province, China". Now in China.

Jingfeng Xu, University of Sydney: "Applying Computational Intelligence to the Design and

Research of Architectural and Building Acoustics". Now with Ove Arup & Partners in Singapore.

Excellent Building Postgraduate (coursework) Award:

Jeevan George, UNSW in Sydney: "Master in Construction Project Management". Now Post Graduate student with UNSW.

Al Oshan Mohammed, University of Sydney: "Design proposal for Mixed Usage Development and What is a good building?" Now studying in Saudi Arabia.

Excellent Building Undergraduate Award:

Latham Conley, Deakin University in Victoria: "The effectiveness of current measurement and estimation practices in the financial management of building services". Now Quantity Surveyor for WT Partnership, Auckland.

Henrietta Amelia Francis, UNSW in Sydney: "Impact of Worker Relationships on Construction Site Safety". Now Site Engineer for Bovis Lend Lease.

Anthony Gagliardi, University of South Australia: "Using Supply Chain Management to Improve Production Flow for Complex Construction".

Nicole Lancer, University of Melbourne: "An Analysis of Relational Contracting and Trust in the Australian Construction Industry". Now Site Engineer for Bovis Lend Lease.

David Lockie, RMIT in Melbourne: "Pre-cast Concrete in Housing". Now Quantity Surveyor for Page Kirkland Group.

Angela Low, Massey University Wellington. Now a QS with Ortus International Ltd

Cassandra Nolan, UTS in Sydney: "Communication in Construction Projects and the effect on Project Success". Now Consultant for Thinc Projects in Darwin.



Myzatul Aishah Kamarazaly was presented her award by Mark Goodliffe in Wellington



Jeevan George (R) was presented his award by Dr Patrick Zou in Sydney.



Angela Low was presented her award by Mark Goodliffe in Wellington.



Nichole Lancer(L) with her sponsor, Valerie Francis, Senior Lecturer Research Coordinator Property & Construction.



Henrietta Amelia Francis was presented her award by Dr Patrick Zou in Sydney.



David Lockie (R) was presented his award by Patrick Weaver in Melbourne.

Construction Management Student Builds Support Group

Media release from the University of Newcastle
Monday 25 June 2007

Sally Hancock's passion for construction management and her motivation to succeed in the industry has been rewarded with a national scholarship.

Ms Hancock, a second year construction management student, has received a \$2000 scholarship from the National Association of Women in Construction (NAWIC).

Her bid to attract more females to the field of construction management and establish a student group for women at the University of Newcastle was a contributing factor.

Ms Hancock is one of 31 female students currently studying the University's Bachelor of Construction Management. There are over 360

males enrolled in the degree at the University of Newcastle.

"While construction management is traditionally a male-dominated industry, it's really important for female students to see what their female colleagues are achieving in the field," said Ms Hancock.

"I hope the new student group and my links into NAWIC will help to raise the profile of women in the degree program and provide some additional support for female students to go out and succeed."

Ms Hancock is focused on gaining experience in the industry and has spent time both in a project office, and on the other side of the fence as a builder's labourer, carrying out tasks such as digging piers, laying flooring, building frames and pouring concrete.



Ms Hancock plans to study in America next year as part of a student exchange program with New York State University, which she said will help add to the diversity of her knowledge and experience.

"I have also been offered a work experience placement with a New York City construction company which will no doubt broaden my exposure to the industry," said Ms Hancock.

"The concept of starting with nothing but earth and finishing with a construction that can shape and mould our environment, drives me to complete my degree and go on to make my mark in the construction management industry."

For interviews with Sally Hancock, contact Kate Reid in Media and Public Relations on 02 4921 5351.

Australian Student Awarded Queen Elizabeth II Jubilee Fund Scholarship

Aaron Manderson, from the University of Newcastle in New South Wales, has been awarded the Chartered Institute of Building (CIOB) Queen Elizabeth II Jubilee Fund Scholarship.

Aaron is in his final year of a BSc Construction Management course, and is awarded the scholarship for his dissertation topic, "The barriers to the use of recycled water in Australian residential applications."

The CIOB's QEII Jubilee Fund Scholarships are made to students who have shown potential in the early part of their studies and are intended to provide study support during the final year. A requirement of each scholarship is that the recipient and host institution agree to undertake

and submit to the CIOB, for possible publication, a major piece of work undertaken during the final year, as part of the programme of studies.

The value of individual scholarships awarded will vary according to the circumstances of each applicant and may be paid in phases.

Elizabeth Thomas, Regional Manager, CIOB Australasia, commented, "Low rainfall levels and drought have gripped Australia over the last

few years. We have seen much debate on how to alleviate water shortages which has ranged from building new dams through the construction of desalination plants to the use of recycled water for both human and commercial consumption. Aaron's dissertation will identify barriers that hinder the use of recycled water for residential use, by investigating the systems and approaches to water treatment that are currently available and appropriate."

Australasian Universities Building Education Association (AUBEA) Annual Conference.

Held at Swinburne University of Technology, July 4 and 5, 2007.

AUBEA is a loose network of researchers and academics from the discipline of Building (which includes Construction Management, Project Management, Quantity Surveying and Cost Management and Property). They gather together annually to share a common interest in relevant research and education. The current climate is challenging with many changes looming on the horizon. New legislation and skills shortages are prevalent in industry, and Universities need to respond to meet these challenges as well as those imposed by the proposed Research Quality Framework (RQF), evolving student learning approaches, with the seemingly ever-increasing patterns of part-time employment by students.

Over forty delegates attended the conference which was sponsored by the Australian Institute of Building, the Australian Institute of Quantity Surveying and the Royal Institute of Chartered Surveyors. A wide variety of topics was discussed,

including the Bologna accord (which promotes a 3 year undergraduate degree followed by a 2 year master degree) outcomes based education, groupwork, metacognition, e-learning, learning styles, plagiarism, partnering practices, student expectations, building information models and the cooperative accreditation agreement for education providers, to name a few.

Different topics/papers related to learning and teaching in the field of building, construction management and property were presented and included group work and student work-study balance. Some new ideas in learning and teaching addressed the new challenges in the field. Five workshops were also held.

Next year's conference will be held at UNITEC in New Zealand. Details will be available in due course at [HYPERLINK "http://www.aubea.org.au"](http://www.aubea.org.au) <http://www.aubea.org.au>

Report by Willy Sher, CIOB Australasia Education Panel.



Latham Conley(R) was presented his award by Mark Colborn, in Auckland.

Economic Outlook – New Zealand.

A well attended seminar at the Copthorne Hotel, Colombo Street in Christchurch was introduced by Stewart Ford as being the first CIOB Australasia seminar to be held in Christchurch following its inception in 2003 and its expansion in 2006 to include Asia, New Zealand, Fiji and PNG.

The attendees were treated to an informative analysis of the New Zealand economy and its effect on the various sectors of the construction industry by Dominick Stephens, Research Economist for Westpac. Prior to Westpac he was part of the team at the Reserve Bank of New Zealand for some six years which was closely involved in forecasting and interest rate decisions and in his time there worked under two different Governors.

To set the scene, there was an overall look at the New Zealand economy, how the dairy industry forms a large part of it and how increasing world commodity prices tend to drag the New Zealand dollar exchange rate with it, contributing to the recent high value of the \$NZ. The general conclusion, however, was that the statistics show the New Zealand economy to be at its best level for around 30 years.

With regard to the construction sector, the residential market was predicted to become more subdued from a combination of high interest rates, a recent slowing of net immigration

numbers and the changes in recent months of the economic factors which had made rental ownership attractive in the 1990's and early 2000's.

This could result in a transferring of construction skills into the commercial and industrial sectors which, along with retail are experiencing low vacancy rates. The increase in suburban retail has also had a knock on effect on retail distribution centres. These are now occupying areas zoned as industrial which have been said to be on the decline. Yields are holding well however, indicating that there is still a demand which is likely to continue.

The other sector which was seen to have good prospects was that of infrastructure. The current government has a surplus, some of which is being made available for road and infrastructure projects. Recent increases in output have not been as a result of, or resulted in increased productivity and a better infrastructure is seen as one way to improve the productivity of the New Zealand economy generally. It is expected



L to R: Stewart Ford, Lawrence Alderson & Dominick Stephens

that should National win the next election, there would be a rise in Public, Private Partnership (PPP) projects, which would also be good for the infrastructure sector.

Thanks to Dominick Stephens for a very interesting seminar, Stewart Ford and Laurie Alderson for the organisation and Hays for their support. The Copthorne Hotel also provided a good venue.

BENCHMARKING – The Key to Unlocking the Door to Successful Relationship Procurement.



Amanda Warren

Report by Warren Wilks on a Seminar given by Amanda Warren, Managing director for 'Constructing Excellence NZ Ltd' delivered at the Faculty of Engineering in Auckland University Technology, Thursday 17th May 2007.

Amanda Warren is Managing Director of Constructing Excellence NZ Ltd. With over 19yrs in the construction management industry Amanda is a highly experienced international management consultant who has delivered successful outcomes on a wide range of change programmes in the construction sector both in the UK and NZ. Projects include designing and implementing corporate and project change programmes, the development of strategies and systems for Best Practise, establishing Benchmarking and Performance Management programmes and implementing Supply Chain and Management Strategy tools. Employed as a consultant to organisations such as ANZ, Naylor Love Construction, UK Government, BAA, Carillion and Skanska, Amanda joined Mace Ltd in 1999 as Best Practise Manager and initiated the Mace Best Practise Programme which has gone on to win awards year after year. Amanda then led a team of specialist consultants working with members on the construction supply chain facilitating the use of the Rethinking Construction (Egan) principals before heading to NZ

Six pm, just a handful of attendees for the forthcoming presentation hovering politely round a lavish spread, courtesy of Leighton Contractors in the foyer to the Faculty of Engineering. We seemed to attract more than an audience looking for a seminar on rethinking construction, it became a game of wits, hungry students picking

up food and leaflets trying synonymously to look interested in our agenda. Without disappointment, the characteristic Auckland traffic managed to delay most attendees until closer to seven o'clock, although we still managed to start on time with all successfully claiming some food and refreshments.

The presentation was kicked off with an old but relevant quotation from Abraham Lincoln: "The dogmas of the quite past are inadequate to the stormy present. The occasion was piled high with difficulty, and we must rise with the occasion. As our case is new, so must we think anew and act anew." - highlighting that sometimes we have to change to progress and adapt to a new and demanding future...but how?

Amanda outlined her belief that 'Benchmarking' and 'Relationship Procurement' go a long way to rethinking construction in our stormy present. With the hope of being non-combative, having a single shared agenda and team culture, some of the benefits are reduction in capital costs, defects, site accidents, and even as much as 95% cost and time certainty. Amanda used Cannons Health Club as a case study to demonstrate that there is almost a 50% reduction in programme over four projects and a £15.00 saving per sq ft, not to mention an improvement in quality that boasts nearly a 0% defects (see the website:

<http://www.constructingexcellence.org.uk/resources/demonstrationprojects/view.jsp?id=170> <http://www.constructingexcellence.org.uk/resources/demonstrationprojects/view.jsp?id=170>).

Amanda highlighted the following alliances as a few examples of relationship procurement:

'Department of Correction – Collaborative Working Agreement', 'Transit – Grafton and Northern Gateway', 'Queens Town Lakeside District Council – Frameworks and Consultants and Contractors', 'New Zealand Defence Force – Contractors Panel'.

Rather than trawl through the endless list of Key Performance Indicators (KPI's) which we have all come to love, Amanda decided to show a case study that proves, if taken seriously and applied effectively, that KPIs do in-fact work.

Naylor Love Construction had two very serious areas of concern, namely: Project delivery time and Percentage of defects. They decided to start benchmarking in 2005 by using national KPI's and setting up an in-house 'Best Practise Programme' (see the website: [HYPERLINK "http://www.naylorlove.co.nz/quality.htm" http://www.naylorlove.co.nz/quality.htm](http://www.naylorlove.co.nz/quality.htm)). Over a 12 month period Naylor increased construction time predictability by 47%, project milestones were up 5%, project delivery on time was up 13% and completion of defects within 30 days up by 39%. By sticking to the Performance Measurement Process, Naylor managed continually to produce better results and eventually earned themselves headlines such as "Naylor makes great headway on improvement".

Thanks go to the Faculty of Engineering at Auckland University Technology for providing the venue, Leighton contractors for providing food and refreshments, and Hays Construction and property for providing sponsorship.

Warren Wilks is a Construction Site Manager for Hawkins Construction Ltd, NZ

The “Missing Link” – SH20 Manukau Motorway, Auckland, NZ.

Australian construction company Leighton Contractors and Works Infrastructure of New Zealand have joined forces for a \$206,000,000 Design and Construct Project in the heart of South Auckland, forming a joint venture called Leighton Works.

Work began on site in November 2006 and the project is due for completion in 2010.

A 4.5km motorway extension is to connect Auckland's South Western Motorway with the Southern Motorway. The site is on land that has been earmarked for the road for over 30 years and the road runs through a predominantly urban environment and includes a triple level interchange between the motorways near Manukau City.

The motorway also crosses the Puhinui stream seven times and lies entirely within the catchment area, resulting in considerable effort going into the prevention of sediment finding its way into the stream – a difficult task given Auckland's winter rainfall.

Approximately 750m of stream diversions, both temporary and permanent have to be installed, representing a considerable proportion of the stream's 12km length.

As well as the Puhinui Stream the route intersects with a number of major thoroughfares and State Highway 1, the strategic connection between



Auckland and the rest of the country. Well planned traffic management and publicity is essential therefore in preventing the project becoming a hindrance to road users.

The geotechnical challenge of the project is considerable. In the western half of the project is an area of predominantly marine clay – material that is very compressible, with occasional areas of basalt rock. The solution to the problem of such poor soil has been to improve the ground through a combination of surcharging and the use of wick drains and stone columns, combining with a drainage layer of gravel to dry and stabilise the soil.

The designation is narrow, and some neighbours, such as the Frucor (New Zealand's beverage producer) and Rainbow's End (New Zealand's only theme park) are physically very close to the project.

These adjacent properties are carefully monitored for any settlement or vibration effects to ensure that Leighton Works keeps within limits that are agreed with the stakeholders prior to commencement of the work. Importantly the

limits are based upon data that was collected prior to the commencement of the work, in order to have an accurate impression of the effect of the motorway.

The limits, set out in Site Specific Management Plans, cover a variety of items and specify what steps Leighton Works will take to minimise the effects. Vibration, ground movement, noise and dust arising during construction are the principal concerns.

Key to maintaining the relations with the neighbours has been a good level of communication, with an emphasis on pro-activeness and honesty. If the project team thinks that the works may cause a problem the stakeholders are advised, and an avenue for feedback, positive or negative, is established.

Without the space to construct the prefabricated beams on-site and lacking an appropriate local site, the 377 concrete beams for the 12 bridges are being made at a purpose-built facility 11km South of the project in Takanini. The beams will be transported up the Southern Motorway to the construction site.

The motorway has been a missing link in Auckland's road network for a considerable time and will provide a welcome relief to local and national road users alike once completed in 2010.

CIOB Evolves Online Library

CIOB Press release

The world's largest collection of construction management literature has been redeveloped online by the Chartered Institute of Building (CIOB).

Emma Ollington CIOB library and information services manager said, "We already have over 13,000 international users utilising the service doing research for dissertations or just keeping up to date with CPD, for example. We anticipate this number to greatly increase with the addition of the new online information tools being launched. Currently the service has more than 60,000 global publications, including academic and industry research, codes of practice, technical guidance papers, management books and DVD's, as well as myriad of other information. We add on average 100 new items every month so it really is a one stop shop for construction information."

Numerous respected journals are held in the CIOB's Library and Information Service (LIS) and a number of these are being made available online in full text for CIOB members to search and access themselves. Existing users will also find access easier to the collection and services. The new web-based catalogue supports a full text search facility and a more intuitive navigation process.

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PUBLIC COURSE TRAINING PROGRAM
AUGUST—OCTOBER 2007

Month	Dates	Location	Course Title
AUGUST	9—10	Brisbane	Contract Management for Superintendents
	21—22	Brisbane	Contract Administration — Works
	21—22	Cairns	Negotiation Skills for Contract Managers Workshop
	23—24	Brisbane	Tender Administration
SEPTEMBER	4—5	Mackay	Contract Administration — Works
	6	Mackay	Preparing Scopes of Work and Specifications
	18—19	Darwin	Contract Supervisor's and Inspector's Course
	20	Darwin	Preparing Scopes of Work and Specifications
	20—21	Brisbane	Advanced Contract Administration
OCTOBER	9—10	Gladstone	Contract Administration — Works
	9—10	Melbourne	Contract Management for Superintendents
	11	Gladstone	Preparing Scopes of Work and Specifications
	11—12	Melbourne	Contract Administration — Works
	16—17	Townsville	Advanced Contract Administration
	18—19	Townsville	Contract Supervisor's and Inspector's Course
	23—24	Brisbane	Negotiation Skills for Contract Managers Workshop
	24—25	Sydney	Contract Administration — Works
	26	Sydney	Preparing Scopes of Work and Specifications
	30—31	Brisbane	Advanced Contract Management for Superintendents

Discounted rates apply to members of CIOB, Civil Contractors Federation, Engineers Australia and more (Conditions Apply)
1 day course \$650 + GST 2 day course \$1060 + GST
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Profile

Andrew Scales

BA MCIQB

Andrew started his working career in UK as a Carpenter and Joiner. He completed a 4yr apprenticeship at City and Guilds and Advanced Crafts. Having grown up with his grandfather and uncle who were master carpenters and builders, he was destined to follow in their footsteps and worked with them at weekends and holidays from the age of 12yrs. At 21 he had over 60 sub-contract carpenters working for him, predominately in housing followed by more government and commercial works. At the age of 25 he formed a small building company with a partner, to run in conjunction with the carpentry contracting arm. They specialised in timber barn and farm building conversions, followed by a number of executive style homes incorporating the heritage look, sought after at that time. Life could not have been better and at the age of 27 he was considered a self made millionaire. However, by 28 he was classed as one of "Maggie Thatcher's Children"! The recession and enormous downturn in the market of 1989-90 caused them to loose a small fortune. They had bought too much land at inflated prices and suffered numerous companies going bankrupt on them, owing vast sums of money as, by this time, their contracting arm was 'supply and fix of materials' as well.

Regrettably they had not employed a good accountant, did not seek professional financial advice and ultimately realised that they were not educated well enough in business management. Andrew says "We also thought we were invincible". They did not go bankrupt or run off with the assets, the majority of their workforce and apprentices had grown up with them. Anyway it was not in their nature. Following a traumatic time Andrew questioned his academic qualifications and knew he was in for a quiet period in the building industry for some time.

He decided to join the CIOB and pursue further continued professional development. His Father had just acquired the position of Managing Director for the "Hanson Brick Corporation" for the UK and Europe and was able to assist in supporting Andrew's family and to allow him to return to education to obtain a building degree. This he finally obtained in block, part time and then correspondence over a 5 year period.

During this time in the early 90's when the market was still slow Andrew formed a company called "Castleden Homes" with Ivan Twigden who later formed "Bewick Homes". Castleden was shelved and Andrew was made Construction Director. They bought land, designed and developed smaller prestigious estates throughout Bedfordshire, Cambridgeshire and Hertfordshire, soon achieving some 75 homes a year.

Andrew came to WA in 1998. He found the building industry here completely different. Being part of the CIOB in Australia was a great help. The local builders built homes for individuals on their blocks of land - relatively unheard of in the UK where the builder-developers sell the full product. Other differences were like the lighter foundations for brick homes: a 250mm deep trench in sand, compared with typically a 1 meter deep and 600mm wide footing in UK mud and clay. He found that WA does not have a building control department or an NHBC to oversee and pass the build stages. The onus is on the



Registered Builder, the Engineering drawings and Home Owner Warranty Insurance. Disputes are referred to the Builders Registration Board which can ultimately revoke a building license for non-compliance or poor workmanship. He says that to become a registered, licensed builder in WA is not easy, but the majority of building there is carried out to an excellent standard.

Andrew finally obtained his Professional Interview with the CIOB and obtained his dream of becoming a Chartered Builder and MCIQB. He has a Registered Building and Master Builders Licence in WA. He became a Senior Building Manager for the J-Corp group of Companies which built nearly 2000 homes a year for individual clients, not buying one piece of land for 'spec-building'. Whilst questioning this process and dealing with demanding clients on a daily basis, it was being stated that: 'There was just too much land, that is the way WA works and the clients hold the upper hand. The larger builders obviously have excellent buying powers and make a relatively small return given the amount of building companies trying to sell their services and designs to the individually built market'.

After 4 years with J-Corp, Andrew became General Manager of "Central Building" who was predominately an insurance and commercial based builder. He has been with Central now for 4 years and has grown the business to a turn-over of \$20 million a year and ventured into working with the East Perth Redevelopment Government Authority and the Mining Sector over the past two years, installing the mine camp accommodation and infrastructure. Single men's quarters throughout the industry are being converted so that all rooms have en-suites by 2009. Whilst remaining GM for Central, in 2006 Andrew formed a family building company in WA called "Evolution Homes", building executive style homes.

In the past ten years, Andrew has been on the WA Executive Board of the Housing Industry Association, promoting apprentice schemes. He is also a senior Judge for the annual WA Housing Awards for excellence in build and design.

As Chairman of the CIOB for WA Australasia, Andrew wants to grow CIOB market awareness and membership there and to work closely with the University Graduates and professionally minded people within the Building, Construction and Mining Sectors.

Andrew says he is very proud to have been made Western Australia's Centre Joint Chairman of CIOB Australasia and he looks forward to the future challenges.

A Brief Overview of the West Australian Construction Market

By Andrew Scales

The Resources boom and expansion of WA has driven our market and trade prices sky high over the last few years and WA now has the most expensive median house price in the whole of Australia.

The Resource sector has well over 10 years of orders on its books even working at full and expanded capacity.

WA has a terrible shortage of skilled labour trying to keep up with the supply and demand of both the mining and housing sectors. Its population is expected nearly to double in the next 10-15 years, so whilst we see a cooling of the housing market we do not see a decline or recession due to WA's extraordinary resource capabilities and world demand.

WA is well positioned commercially, being close to Singapore and Asia. We need now to attract bigger industry to help support our growing State as, too often, we have to rely on Eastern States' and overseas supplies because our limited manufacturing arm cannot possibly cope with our growth and demand.

The Housing market is also now changing, given the relatively slow release of land and infrastructure development. There is more varied building and product use and a general acceptance of the need for cheaper building alternatives, especially for the first-home buyers' initial step on the ladder. Land is now starting to be bought in the same way as in the UK and South Africa, whereby the builder and developer will buy more and more land and sell the design and complete product to the market and to individuals. There will be a higher density of housing with more town houses and much smaller lots. Some of the upmarket builders have now stopped building for individual clients and are just buying blocks of land and completing the process themselves, making far greater profits and not having to deal with customers.

Since coming to WA I have already seen enormous change in the last 10 yrs and I look forward, as a professional Builder and Developer, to further change which I fully expect to be similar to what I have experienced elsewhere.

Some basic facts regarding the past ten years in the WA housing industry:

- In 1998 you could buy a residential block of land of say 750m2 in a very good area for less than \$200,000.
- In 2007 the same block, if you can get it, will cost over \$1million.
- In 1998 the building cost for an average two storey, double brick home with concrete slab to first floor would cost \$650 per m2.
- In 2007 the same home will cost you \$1700 per m2 to build.
- A bricklayer in 1998 was getting \$450-\$500 per thousand bricks.
- The bricklayer today gets \$1200-\$1300 per thousand.

The large builders of single storey mass and standard model homes can turn them over at approximately \$1000 per M2.

The builders of individually designed and built homes including the two storey traditional build methods in WA are charging between \$1,450 and \$2,300 per m2.

The average land price in WA is now between \$900 and \$4,000 per m2 depending upon the location.

Andrew Scales is Chair CIOB Australasia Western Australia Centre.

Should I Stay or Should I Go?

When Joe Strummer sang these words with The Clash he wasn't talking about Dubai. But in 2007 many construction professionals are now asking this question about the world's fastest growing cityscape which reputedly now uses 15% of the world's available cranes – that's a lot of bricks and mortar.

This particular construction professional personally knows 4 Aussies who have moved to Dubai and other parts of the Gulf in the last 12 months but is it the place where dreams and fortunes can be made or more of a flash in the pan? Let's look at some of the key issues when considering a move to the Gulf:

Growth – no doubt about it there is massive growth and could continue for years to come but this is far from certain.

Jobs – many available and some recruiters have established whole departments based on luring people to the Gulf, but there may not be the variety of work available as in Australia or SE Asia.

Projects – some magnificent hi-tech projects completed (eg, Burj Al Arab, which is a seven star

In a recent interview with a CIOB candidate to upgrade his membership, when questioned about promotion of Health and Safety Values he gave the following illustration from the Emirates where he is currently working.

An Indian worker had fallen 30 floors from a climbing formwork and been killed. At the following Monday morning project team coordination meeting the matter was not even mentioned or discussed.

He went on to say that construction companies there do not even have an item in their budgets for Health and Safety.

What price these sumptuous developments!

hotel – I'd like to see their facility manager's list of KPI's!) and more planned notably on the Dubai waterfront; but also many stock-standard office and apartment buildings which are being thrown up at an alarming rate.

Pay – still attractive but these days usually a fixed pay package rather than a salary with benefits such as free housing. Some new residents are

finding that 12 months after arriving they need to move house due to annual rent increases of 20% or more.

Lifestyle – no doubt a great lifestyle for expatriates and more consideration for professionals moving with their families.

With the current level of activity in the Australian market and huge investments planned (particularly in infrastructure) the decision about going to Dubai becomes ultimately a strategic one for the construction professional. If the chance to work overseas for the short-medium term on some landmark projects is appealing then there is nowhere better in the world to go right now. But with the level of activity closer to home and the upheaval a move involves perhaps the local market with its long track record of success offers a better career alternative.

Maybe Joe Strummer was right when he talked about "London Calling", but the Olympics hadn't been awarded then.....perhaps that's the subject of another article.

Nick Birbara MCIQB – NSW Chairman and Director TC Link Building Services

Energy Performance of Buildings

By Adam Perigo MCIQB

According to the Australian Bureau of Statistics nearly 40 percent of Australian homes have no insulation, making them wasteful of the energy they consume and adding substantially to greenhouse gas emissions.

It is time that recognised professional institutions like the Chartered Institute of Building (CIOB) began a program to lobby the Federal and State governments to introduce tougher legislation to make Australian homes more energy efficient.

In 1997 many countries around the world recognised the growing problems of ever increasing levels of greenhouse gases and agreed to take action to reduce this problem. These countries signed up to the Kyoto Protocol which agreed a set of measures to reduce CO2 emissions, incidentally the Kyoto Protocol is an agreement which Australia are not a signatory.

According to UK figures 50 per cent of all energy consumed in the UK is by buildings and more specifically homes, it seemed vital to the UK to make their homes more energy efficient. The UK recognized the fact that a large proportion of their current buildings would still be in use in 2050, so improving the performance of the existing buildings was a particular priority.

Communities and Local Government in the UK are leading the introduction of a number of energy and cost savings measures to make all buildings more efficient. The measures are being applied across all European Union countries and are in line with the European Directive for the Energy Performance of Buildings (EPBD).

As a consequence of those assessments certificates will be provided as an attesting to the energy performance of a building. The idea is similar to the UK established certificates issued for the sale of white goods such as fridges and washing machines.

An Energy Performance Certificate is to be part of a Home Information Pack. The certificates are commissioned by the seller (or their agent) from an accredited Energy Assessor, who visits

the property to collect the relevant data and creates the certificate. This data includes the date, construction and location of the house and relevant fittings (heating systems, insulation or double glazing).

In the longer term, the UK Government has announced its intention to consult on whether this requirement should be extended to include private sector buildings occupied by commercial organisations where large numbers of members of the public regularly visit the building.

The efficiency of a hot water tanks has a significant impact on the overall energy efficiency of a building. The UK government is planning to provide an advice and information program in relation to the energy performance of hot water tanks and air conditioning systems. This program will encourage owners of hot water tanks to improve the efficiency and reduce the carbon emissions produced by their tanks.

Many commercial buildings and an increasing number of homes have air conditioning systems. These systems should be carefully maintained and managed in order that they do not consume too much energy.

According to the Department of Environment and Water Resources, 82 % of Australian households had at least one air conditioner in 2004; this figure is likely to have increased and is consequently having a large environmental impact.

More than a quarter of Australian households were aware of green power schemes in 2005, an increase from 19% in 1999 and from 24% in 2002. However, only about 23% of these households were willing to support the scheme, a slight decrease from 26% in 2002.

It is these statistics alone that should worry future Federal and State governments who intend to reduce carbon emissions and reliance on fossil fuels and home owners should be made aware of their environmental responsibilities and builders should be encouraged to build more efficient buildings.

It is the authors belief that the Australian government should invoke relevant legislation tied into the Home Building Act to make the issuance of Energy Performance Certificates here in Australia mandatory and that its issuance would form part of a homes contract of sale.

Adam Perigo is Director of CS Barratt Building Consultants in Sydney Australia

CIOB Evolves Online Library *Continued from page 7*

The new functions provide users with greater interaction to the service. They can now make enquiries online; they will have access to pre-selected reading lists within popular hot topics, along with a fully self-managing library account.

The online information service was developed over 18 months and is the CIOB's most significant development of the library and information facility. Non CIOB members can access the system and search the site; however full access and functionality is only available to Institute members.

The CIOB's role is to:

- Advance the importance of the built environment to the quality of life for everyone.
- Lead the industry to create a sustainable future worldwide.
- Encourage leadership potential.
- Set the highest standards in quality, safety and qualification.
- Create an industry where excellence prospers.

Victorian CIOB Seminars

The Victorian State branch of CIOB Australasia has held two highly successful events during the months of June and July 2007, both of which have been well attended and received by participants from a wide range of professional institutions.

The June seminar included informative presentations from Nick Crennan a Partner at Colin Biggers Paisley and Gavin Halling, Director of RiskTools Pty Ltd. The focus of the presentation was largely concerned with the process of risk management and the principal conclusion outlined the current trend within the Construction Industry to transfer risk down the contractual line. The questions and answers session that followed generated interesting debate, questioning if organisations operating within the industry were potentially accepting risk without applying the resources and strategy needed to accept the risk. It was also suggested that valuable lessons could be learned from the adoption of contract and management strategies within the NEC 3 suite of contracts.

As the construction industry develops more effective means of procurement and leans more

towards a partnering approach to project delivery there will be a greater need for organisations to implement a formalised risk management process. This process will need to be integral to the overall management approach to the project to ensure successful delivery and require a flexible and vigilant methodology of assessment and categorisation.

The July seminar introduced Frank Allen, Director of Property Markets at Westpac, discussing the outlook of the Victorian property market 2007 – 2009.

The message that markets will continue to develop at healthy levels with growth in the residential sector due to continued population growth, the retail sector with growth in national retail organisation expansions and growth in government spending in education and health, was welcomed by construction industry professionals in Victoria.

If the June and July events are to be used as a measure in the growing interest of CIOBA events in Victoria and its ability to provide valuable information on topical issues facing the



L to R: Nick Crennan, Paul Spray & Gavin Halling.

Construction Industry then our own institution will also have to grow and start looking for a larger venue to hold functions to meet the ever increasing demand in our events.

Paul Spray is CIOB Centre Chair for Victoria. He is an Associate with International Construction Consultancy Davis Langdon Pty Ltd and works in the Project Management team based in Melbourne, Australia.

Contractual Litigation and Disputes

The effect of limitation, exclusion and disclaimer in contract and the value of Warranties and Indemnities.

A seminar sponsored by Deacons and Hays Construction & Property, given by Grant Bonnar BA (Hons) LL.M., Wednesday 13 June 2007 at Deacons Sydney Offices, Circular Quay.

Not only did Mr. Grant Bonnar deliver a clear and informative presentation of the subject-matter, aimed particularly at non-legal construction practitioners, he also provided delegates with a comprehensive sixty page document entitled "Contractual Litigation, the Effect of Limitation, Exclusion, Disclaimer and Agreed Damages Clauses and their Use to Avoid Disputes" which gave detailed explanations, example judgements and practical advice.

The scope of the talk was very wide, including: Express and Implied Terms; Termination for breach or repudiation; Damages; Time Stipulations; Misrepresentation and misleading and deceptive conduct; Exclusion clauses and Limitation of liability. This did not allow much time for each topic but the importance of finding out more was well understood by the audience.

Grant explained the difference between Express and Implied terms in relation to what parties intend a contract to say and he went on to speak about the notions of standards of fairness and good faith – concepts that may be taken generally for granted but not always upheld to our liking in

the courts. Clauses of the Trade Practices Act in four mainland states were also explained in this context. Suggestions were given for the wording of contract documents to try to clarify aspects such as exclusions and disclaimers. However the results of litigation after going through the appeals process leaves one with the strong impression that "It ain't necessarily so" and with the resolve to try to avoid legal disputes wherever possible.

A copy of the hand-out document may be obtained through CIOBA Sydney Office.

Grant Bonnar is a Partner Deacons Litigation Sydney. He is a Lecturer, Competition Law, Masters of Law Programme, University of Sydney.



The Seminar by Grant Bonnar (L) was presented by Nick Birbara, Chair, CIOBA NSW Centre.

4th World Project Management Conference

Following the successes of previous World Project Management Weeks held in Cairns, Hong Kong and the Gold Coast, CIOB is pleased to support the 4th Project Management Week which will be held in Singapore from 12th to 16th November 2007. Contact wpmweek@eventcorp.com.au

CIOB members have the opportunity to take part at the conference at a special rate.

International Construction Conference 2007
19 & 20 September 2007
Kuala Lumpur Convention Centre (KLCC)

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- MAS Airbus A-380 Hanger, Malaysia
- Songjiang Quarry Hotel, China
- Beijing National Stadium, China
- *High Speed Rail, Taiwan

*Pending authority approval.

2007 Dates for Your Diary

Events and activities presented by CIOB Australia and our network of associated organisations.

For further information please contact events@ciob.org.au or telephone (02) 9638 4977.

Date 2007	Event	Location
4 July	IAMA Forum. ADR Aspects of Disciplinary Tribunals. Register at: nsw.chapter@iama.org.au	The Dispute Resolution Centre Lev 9, 52 Phillip Street, Sydney NSW
10 July	CIOB Seminar 'Risk Management', co presented by Gavin Halling, RiskTools and Nick Crennan,	CBP Lawyers. Register at email: events@ciob.org.au Tattersall's Club 215 Queen Street Brisbane QLD 4000
17 July	CIOB Seminar 'Outlook for the Melbourne Property Market', presented by Frank Allen, Director Westpac Property. Register at email: events@ciob.org.au	St Michael's Church The Waratah Rm 120 Collins Street, Melbourne
17 July	CIOB Seminar 'Economic Outlook for the NZ Property Market', presented by Dominick Stephens, Westpac Institutional Bank. Register email: events@ciob.org.au	Copthorne Hotel Gilmer Rm Boulcott St Wellington, NZ
18 July	AIPM NSW Chapter Event. Contct Wayne Miller 0282888757 wmiller@aipm.com.au	Sydney
20 July	RICS 'Northshore Hamilton QLD Seminar' See: http://www.rics.org/northshorehamiltonjuly07.html Register with Jim Ford rics@ccaqs.com.au	The Brisbane Club, Post Office Square Brisbane QLD
25 July	Joint CIOB/IPENZ/ICE in NZ Seminar 'Benchmarking', presented by Amanda Warren, Constructing Excellence NZ. To register email: events@ciob.org.au	Waiua Theatre 54 Kilmore Street Christchurch, New Zealand
26 July	CIOB & RICS Perth Breakfast Seminar 'Contract Litigation and Disputes' by Grant Bonner, Sydney Partner Litigation Deacons. To register email: events@ciob.org.au	Deacons, Lev 39, BankWest Tower 108 St Georges Terrace, Perth WA
1 August	IAMA Forum Evening. Proof of Issues in Adjudication and other paper driven ADR Processes. To register, email: nsw.chapter@iama.org.au	The Dispute Resolution Centre Lev 9, 52 Phillip Street, Sydney NSW
8 August	AIPM WA Chapter 'Managing Softward Intensive Development Projects' Breakfast Seminar, by David Hays. Register with Karen Stevens email aipmwa@amnet.net.au	Tawarri Reception Centre The Esplanade, Dalkeith. WA
13 -14 August	RICS 'Accessibility Legislation – RICS Inclusive Environments Course' Register at j.carney@rics.org.au	Albert Rm Intercontinental Hotel Sydney
14 August	Joint CIOB/IPENZ/ICE in NZ Seminar 'Benchmarking', presented by Amanda Warren, Constructing Excellence NZ. Sponsored by OPUS. Register at: events@ciob.org.au	The Majestic Centre Lvl 24, 100 Willis St. Wellington, New Zealand
14 August	CIOB Seminar 'Risk Management', co presented by Gavin Halling, RiskTools and Nick Crennan, CBP Lawyers. To register email: events@ciob.org.au	Colin Biggers & Paisley Lawyers Lvl 42, 2 Park Street Sydney NSW
16 August	AIPM 'Benefits Realisation' QLD Seminar, presented by Gerald O'Hara. Register at aipmqld@associationsupport.com.au	The Brisbane Club 241 Adelaide Street Brisbane
22 August	AIPM Project Management Achievement Awards Gala Dinner – NSW Chapter Contact Tour Hosts Pty Ltd on 02 9265 0700	Doltone House, Jones Bay Wharf, Pirrama Road, Pymont
28 – 31 August	PMOZ 2007 4th Annual Project Management Australia Conference for information visit http://www.pmoz.com.au/	Conrad Jupiters, Gold Coast, Queensland
30 August	AIPM VIC Chapter Forum - Project Offices vs Program Managed Office vs Portfolio Management.. Contact Olimpia Watkins at vic_chapter@aipm.com.au	The Point Aquatic Dr, Albert Park Lake Melbourne
4-7 September	AIB 2007 XXXV IAHS World Congress on Housing Science, hosted by RMIT University. For more information visit http://www.housing2007.org.au/	Rendezvous Hotel Melbourne VIC
5 Sept	IAMA Forum Evening. Dispute Review Boards. Register at nsw.chapter@iama.org.au	Lvl 9, 52 Phillip St Sydney NSW
7-17 Sept	APEC Conference	Sydney
10 September	CIOB Brisbane Seminar 'Contract Litigation and Disputes' presented by Grant Bonner, Sydney Partner Litigation Deacons. To register email: events@ciob.org.au	Deacons, 175 Eagle Street Brisbane QLD
16 September	CIOB Melbourne Seminar 'Contract Litigation and Disputes' presented by Grant Bonner, Sydney Partner Litigation Deacons. To register email: events@ciob.org.au	Deacons, RACV Tower, 485 Bourke Street Melbourne VIC
19 September	AIPM NSW Chapter Event. For details contact Wayne Miller via email on; nsw_chapter@aipm.com.au	Sydney
23-26 September	ABC Australian Building Boards Conference For more information visit http://www.abc.gov.au/index.cfm?fuseaction=DocumentView&DocumentID=211	Paradise Marriott Resort Surfers Paradise, QLD
25-30 September	CIOB 'Driving up the Profitibility of the Construction Sector' Seminar. Roger Flanagan, CIOB President. Details TBC. For all enquiries, contact events@ciob.org.au	Melbourne and Auckland
3 October	IAMA Forum. ADR Information Formation Technology. nsw.chapter@iama.org.au	Lvl 9, 52 Phillip Street Sydney NSW
7-10 October	AIPM National Conference – RSVP for this event before October 6th by email; aipm@leishman-associates.com.au or telephone 03 6234 7844	Hotel Grand Chancellor Hobart, Tasmania
9 October	CIOB 'Insurance in the Construction Industry'. Contact events@ciob.org.au	Auckland, New Zealand
16 October	CIOB Seminar 'Outlook for the Sydney Property Market', presented by Frank Allen, Director Westpac Property. Register at events@ciob.org.au	TBA .Sydney NSW NSW
17 October	AIPM NSW Chapter Event. For details contact Wayne Miller via email on; nsw_chapter@aipm.com.au	Sydney
7 November	IAMA Forum Evening. Adjudication Case Review. Reg: nsw.chapter@iama.org.au	Lvl 9, 52 Phillip Street, Sydney NSW
14 Nov	AIPM NSW Chapter Event. Contact Wayne Miller at; nsw_chapter@aipm.com.au	Sydney
21 Novembr	AIRAH National Sustainability Conference See http://www.airah.org.au/sustain07.asp	Treasury Theatre, Lwr Plaza, 1 Macarthur Street, E Melbourne
25-27 Nov	RMIA National Conference	Gold Coast
5 December	IAMA December Forum. Register at: nsw.chapter@iama.org.au	Lvl 9, 52 Phillip Street, Sydney NSW
5 December	AIPM NSW Chapter Christmas Event. Wayne Miller nsw_chapter@aipm.com.au	Sydney

CIOB Members – Upgraded

Thomas Clark	MCIQB
Nicholas Marston	MCIQB
Donal O’Riordan	MCIQB
Jonathan Wood	MCIQB
Matthew Wood	MCIQB

New CIQB Members

Hugo Aston	MCIQB
Latham Conley	ICIQB
Devinder Singh	ICIQB
Duncan Blackhall	ICIQB
Emma Challands	Student
Wing Yan Chiu	Student
Jet Choy Chin	Student
Lillian Chung	Student
Andrew Costi	Student
Matthew Doolan	Student
Jeevan George	Student
John Ha	Student
Jonathon Hainsworth	Student
Ertan Kabal	Student
June Li	Student
Christopher Lourandos	Student
Peter Mercoulia	Student
Andrew Minh Phan	Student
Angie Ng	Student
Shelley Rogers	Student
James Xuan	Student
James Yi Wang	Student

CIQB Australasia CBC Members:



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61 2 9299 2988



Multi disciplined property consultancy.

Director: Alan Page.
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Principal: Philip Sanders.
61 (0) 401 010 202

CIQB contact details:

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Email: ciobaustalia@ciob.org.au.

Website: <http://www.ciob.org.au>

CIQB Australasia Branch Administrator:

Jodie Richards-McCabe

Email: jrichardsmccabe@ciob.org.au

CIQB UK – Head Office:

Email: reception@ciob.org.uk, Website: <http://www.ciob.org.uk>

Contact Australasia:

<http://www.ciob.org.au/newsletter>

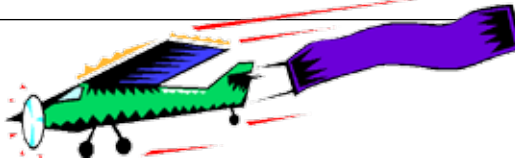
iCON Review:

<http://www.iconreview.org/en/home>

Construction Manager:

<http://www.constructionmanager.co.uk/>

CIQB is the leading professional body for managers in construction; over 42,000 members worldwide



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Employment Opportunities

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Senior Quantity Surveyor

Leading cost consultancy firm

This leading consultancy group is based in Sydney CBD. It is an employer of choice, and has a track record for working on projects of all sizes, including some of the highest profile projects in Sydney. You will require the following:

- Tertiary qualification in Quantity Surveying
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- High attention to detail

If successful in securing this role you will be handed the responsibility of a range of quantity surveying services including; cost planning, estimating, BOQs (minimal), bank reporting and variation assessments. Depending on your skills and preferred career direction, tax depreciation work is also available.

This is an excellent opportunity to join a worldwide organisation. You will be working in a small branch office with 13 people, while being part of a global firm with over 1700 employees and offices in more than 40 countries. Opportunities for office transfers nationally and internationally also exist.

Please contact Scott Poole
T **02 9249 2260**
E scott.poole@hays.com.au

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You will ideally come from either a construction, planning or design background and be able to demonstrate a solid property or development management history and have a proven ability. Key to your success will be your exceptional communication skills and a pragmatic approach. This organisation values driven and professional attitudes and proactively rewards employees for their positive commitment and contribution.

Please contact Jayne Lee
T **02 9249 2260**
E jayne.lee@hays.com.au

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With a history spanning 100 years this builder of choice is widely recognised as having contributed greatly to the Australian landscape through high-quality construction and an honest and reliable approach to servicing clients' needs.

You will join its proud team in the capacity of Senior Estimator where you will unite with a dynamic business unit who have generated rapid growth over the past 12 months and can see a prosperous future in the short and long term.

You may currently be entrenched as a Chief or Senior Estimator but you can see many positives in joining a company that is focused on its people and can provide the job satisfaction possibly missing at present.

You will have a broad knowledge of fine building, covering all trades, while a QS background is preferable. You will also be highly motivated, as you will report to an active and energetic Business Unit Manager.

Salary for this role is expected to be upwards of \$160K while an upbeat working environment makes this a highly sought-after opportunity.

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T **02 9249 2260**
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