

President's Report



Professor Tony Lucey FIEAust

President, Engineers Australia WA Division

Annus mirabilis may be an apt description of 2010 for Engineers Australia. Three major developmental events occurred: the commencement of the new Strategic Plan 2010-2015, the publication of our WA Infrastructure Report Card 2010, and Ballot2010 that has allowed the membership to determine how we will define ourselves through our Royal Charter and By-laws. In parallel we have recognised, celebrated and promoted Engineering Leadership as the theme for 2010. Alongside these, the long-established core activities of the WA Division have continued to flourish while the WA membership increases inexorably, now having exceeded the 12,000 mark. These signal the excellent health of Engineering in WA and a vigour that is being harnessed in the renewed strengthening of Western Australia's economy and concomitant well-being of its communities.

Our new strategic plan lays its emphasis on the twin goals of delivering sustainable engineering solutions for our communities and ensuring that our standards of engineering practice are world-class. Its early priorities, upon which we focused in 2010, have been to engage more directly with our communities, place greater emphasis on Sustainability, and take initiatives to assimilate migrant engineers.

Enhanced community engagement has been to the fore throughout 2010 in our active support of the make-it-so campaign that has opened up a direct dialogue between Engineering and the community. In addition, we held a number of successful events including a public forum in Australian Engineering Week, student-information evenings (oversubscribed!), and a co-organised well-attended one-day seminar on coping with the effects of likely sea-level rise in the Perth to Cape Naturaliste region resulting in a published report for broad distribution, while our regional groups engaged the public through events such as spaghetti bridge and tower building competitions that excite the next generation of engineers and their parents. The Australian Engineering Week supplement in the West Australian informed the public of the rich range of Engineering's endeavours, leadership and opportunities while the Engineering Excellence Awards supplement demonstrated the inspirational outcomes of Engineering in WA. The Infrastructure Report Card, inter alia, advocated for our communities by drawing attention to, and making recommendation on, the infrastructure upon which our communities rely.

Sustainability – combining societal, environmental and economic factors along with the need to meet the natural developmental drive, or spirit, of Engineering – and the 2010 Engineering Leadership theme have been interwoven in a series of presentations by high-profile speakers through the auspices

of CELM but also through our Panels. The inaugural high-level Industry Leaders forum was held, hosted by the Governor of WA, with its findings recently published in our WA newsletter and a communiqué disseminated to non-Engineering leaders. This first forum identified the need for increased cohesion in Engineering and signalled the will-power of engineering leaders to take a greater role in developing the long-term future of the State. This purpose, along with the issues surfacing in the 'local content' debate, is a growing aspect of our organisation's role in delivering a sustainable future that will be developed through 2011 and beyond. While not forgetting our core purpose of serving the membership, this new dimension of Engineering as a much-needed rational influencer in the decision-making processes of Society has more clearly emerged in 2010.

The third of the early priorities has been addressed through the formation of the International Engineers Group that has had a very active start to its life. This group exists to facilitate the assimilation of overseas trained and experienced engineers into the profession. Equally, the group serves to share the international experiences brought by migrant engineers. These enrich Australia's Engineering and advance its awareness and outlook in the increasingly global practice of Engineering. It has been especially rewarding to witness both the empowerment of recently arrived engineers who have come together on the group's committee and the contribution of established domestic engineers in 'giving back' through, for example, a recent networking event mounted by the group.

Having had the privilege to visit a number of the regional groups, I have noted their vibrancy and the dedication of their members and leaders. This is all the more commendable because they do not have the advantage of direct support from the Divisional Office that so crucially underpins Perth-based events. Our regional groups are immensely important in a geographically large state because they provide the all-important opportunities for engineers to network and be part of a community in a profession that is fundamentally based upon teamwork.

In total, 2010 has been a year of diverse, progressive and high-quality activities that build towards the fulfilment of our new strategic plan and, in doing so, see a maturing and evolution of Engineering into a force for ensuring the wellbeing of Society and, thereby, bringing increased fulfilment for the individual engineers who make up our organisation.

The wealth of activities undertaken in 2010 would not have been possible were it not for the efforts and commitment of the many volunteers who serve on our committees and so generously give their time and talents to bring activities and events to realisation. I wish to thank all who have served the WA Division in this way. Equally, I pay tribute to the skills and industry of the Divisional Office under the leadership of Director Janice Lake for their magnificent support of Engineering through their work for Engineers Australia; they too demonstrate all of the virtues and effectiveness of the engineering team.

Director's Report



Janice Lake

Director, Engineers Australia WA Division

The following report provides a brief description of the outcomes for WA Division for 2010.

Membership

During 2010 the growth in membership continued with a 6.0% increase for the year. At end October 2010 the WA Division membership was 12,269 in total, including 4056 student members. 11.5% of our membership are women and more than half are under 35. The increase in qualified members was underpinned by strong growth in overseas trained engineers.

Finance and Sponsorship

The Division ended the 0910 financial year with a significant surplus. Much of this was profits from seminars and conferences, which will be transferred to the group technical initiative funds. New two year contracts for sponsorship were set up this year to cover 2010 and 2011 calendar year activities. A total of \$286,000 in sponsorship has been generated for Division activities, being a 20% increase on the previous year. This will be supplemented with small amounts for some individual events and seminars and substantial funding support for the Science and Engineering Challenge. We thank all our partners and sponsors for their support, both financial and in-kind.

Governance

The Division started the year with the development of an Operational Plan to address the priorities of the new Strategic Plan 2010-2015. The Division Advisory Board (DABWA) played an important role in this task.

To maintain better contact with various groups within the Division each member of the Division Committee has been given a portfolio area on which they report regularly to the Committee.

Elections for Division Committee members and College Board Representatives for 2011 have been held in WA for the first time this year. At virtually the same time Members have also been encouraged to vote in the Ballot to approve changes to the Royal Charter and By Laws. The promotion surrounding the call for volunteers and the two voting opportunities has had a positive result, with an increase in member contact.

Significant Achievements

Professional Development

CPD output numbers for the last 12 months to end October 2010, was an all time record, with 334 events held, providing 466 hours of professional development. Attendance numbers totalled over 10,600. The CPD offering included several fee paying seminars and conferences.

Regional groups arranged a range of local activities ranging from technical presentations and site visits, to schools programs and visits by the Division and National Presidents.

The Division's International Engineers Group was formally launched and has held a series of networking and professional development sessions targeted at overseas trained engineers.

The priority areas of sustainability and community engagement were included in a number of activities during the year including a seminar with ATSE, CELM functions and Australian Engineering Week events.

The annual Face to Face Careers Expo for engineering undergraduates attracted 1000 students and over 70 companies.

Year of Engineering Leadership

The Centre for Engineering Leadership and Management (CELM) held a number of high profile events to celebrate the Year of Engineering Leadership. Co-badged events were held with Women in Engineering and Young Engineers and presentations were arranged in a number of regional groups.

Public Policy

The inaugural Industry Leaders Forum, hosted by The Governor of Western Australia, was held in June. The communique from the meeting has been widely distributed and will form the basis for future work.

The WA Infrastructure Report Card for 2010 was presented on 11 October. The report, which has been provided to government and industry leaders, includes a list of recommendations that could be used to review progress over the coming years.

Honours and Awards

2010 Engineering Excellence Awards attracted 33 entries. The presentation evening, held on 18 September was a great success, with more than 600 guests attending. The launch earlier in the year and the poster display cocktail party added to the profile of the Awards.

Individual awards were presented for Professional Engineer and Young Professional Engineer of the Year. In addition Engineers Australia medals were awarded and a new Honorary Fellow for WA was announced.

Australian Engineering Week

The activities held during Australian Engineering Week focused on community engagement. Student and parent information evenings attracted over 400 people. Other events included a public forum, breakfast launch and corporate luncheon. The newspaper liftout provided an opportunity to promote careers in engineering.

Schools Programs

The Science and Engineering Challenge for year 9 students was extended into more regional areas. Approximately 2600 students, from 80 schools, participated and 250 volunteers gave their time and energy to assist. Members visited schools in the metropolitan and regional areas to talk to students and more than 150 certificates of achievement were presented to year 12 graduating students.

Group Reports

Groups of the Division – panels, branches and groups - provide a focus for learned society activities in the Colleges disciplines, technical specialities and special interest areas. Group committees organise regular technical and broad interest presentations, seminars, conferences and may also prepare position papers on matters affecting the particular disciplines.

Australia Geomechanics Society

Dr Fiona Chow FIEAust CPEng

The AGS has been very active with 15 technical sessions including 6 distinguished international speakers and 5 inter-state speakers. A Ground Improvement workshop was attended by more than 100 participants while a Soil and Rock Logging Course attracted 48 attendees. Joint events were held with the Structures Panel, Society for Underwater Technology and Australasian Tunnelling Society. The West Australian Pavements Group has completed several activities. WA AGS instigated a move to update AS 1726 Site Investigation. Expansion of the AGS borehole database is underway. The December issue of the AG Journal will be focussed on WA. Details of future events and pdfs of past presentations can be found at: www.australiangeomechanics.org

Australasian Tunnelling Society

Eric Hudson-Smith MIEAust

ATS WA Chapter held the following technical sessions this year:
4 February - "Remote monitoring systems for tunnel projects in CBD areas" by Aidan Laimbeer, Sol Data, London.
27 July - "Inspection and maintenance of tunnels and underground concrete structures" Joint event with Concrete Institute of Australia. Speakers Steve Doran (London) and Frank Papworth.
10 August - "Diaphragm Walls" speaker Ronan Leroy, Bachy-Menard. Joint session with AGS.
25 August - Tour of Leighton Battery World War 2 Tunnel Complex.
10 September - Minibus tour to Binningup Desal 2 site and TBM pipe jacks for ocean intake and outfall tunnels.
26 November - Tour of Fremantle Prison tunnel system.

Centre for Engineering Leadership and Management

Dave Mofflin FIEAust CPEng

2010 has been a big year for CELM, especially in the role we have played supporting the "Year of Engineering Leadership". Our focus for the year has been on elevating the recognition, both within the Community and among ourselves, of the leadership roles that engineers can (and should) play in shaping and delivering our built environment. Examples of functions we have organised during the year include the sell out presentation by John Grill (CEO, WorleyParsons) on the leadership role that big businesses can play in shaping the future, and the presentation by Andrew Forrest (CEO, FMG) on the leadership role engineering businesses can play in overcoming the disparity that exists between indigenous and non-indigenous Australians. We have also had very successful presentations from Hon Bill Marmion (MLA and Engineer), and Sue Murphy (CEO, Water Corporation). We have also ensured that the "Year of Engineering Leadership" got taken

to our regional divisions, with David Mofflin (WA CELM Chair) giving presentations in Geraldton, Kalgoorlie, Albany, and Peel. CELM was also very involved in an Industry Leaders Forum hosted by the Governor of WA on how Engineers Australia can better support the business and infrastructure needs of the Western Australian community, and we plan to use the outcomes of this forum to shape the agenda for our activities in 2011.

Chemical Panel

Professor Ming Ang FIEAust

The Joint Chemical Engineering Committee had a very successful year starting right in January. There was an average of one event a month, 8 technical meetings apart from the 2 very successful Eminent Speakers, each attracting more than 100 participants. There were also 2 heavily oversubscribed site visits, the pilot of our CPD program was held on 1 November and some 38 participants attended the evening seminar followed by dinner. The last event will be held on 30 November, the AGM with a prominent speaker, Andrew Jamieson, a Director of Woodside Energy Ltd. And the title of his presentation is "Energy in the Coming Decades: a World of Internal Contradictions".

Coastal, Ocean and Port Engineering Panel

David Taylor MIEAust CPEng

The Coastal, Ocean and Port Engineering Panel (COPEP) has had an active year which has involved organising technical presentations and professional development courses. Throughout 2010, COPEP has organised 3 technical presentations which have covered a range of topics including sustainability in port design, coastal hazard and shoreline vulnerability assessment, and design of maritime structures. In June 2010, COPEP together with the University of Western Australia organised a 3-day coastal engineering short course which was attended by over 60 students and professionals from around Australia. In 2010, COPEP has also hosted two sundowner events to provide a social and networking forum for the WA coastal and ocean engineering community.

Construction Panel

Leo Coci MIEAust CPEng

The Construction Panel consists of eight members and two corresponding members, with panel member Ben Gavranich representing the Construction Panel WA branch on the National Committee on Construction Engineering (NCCE). In 2010 the Construction Panel held three technical sessions and one site visit. The three technical sessions were:

1. Rob Arnott of Main Roads WA presented "Gateway WA - Perth Airport & Freight Access Project"
2. John Hughes of Rio Tinto Iron Ore presented "Context and Development of the Mesa A Iron Ore Mine"
3. Lyle Banks of Fremantle Ports and Clyton Saxon of Georgiou Group presented "Fremantle Ports - Berth 10 Reconstruction"

The site visit was to inspect "New Submarine Service and Maintenance Facility at ASC West, Australian Marine Complex, Henderson.

Electrical Engineering Panel

Paul Andriessen MIEAust CPEng

It was a busy year for the Electrical Engineering Panel (EEP) with many well attended events being run in Perth. Attendance of these events totalled over 4000 hours of continuing professional

development. The successful events were 10 Joint Electrical Electronic Papers (JEEP) program and the "Down to Earth Conference" which was over subscribed. The Eminent Speaker Program has complemented the CPD offered in WA this year. The EEP Awarded 4 Annual Prizes, including Medals named after prominent West Australian Engineers, to an electrical student at each of the Universities. This year the Electrical College Annual Award Dinner was held in Perth, with the National Professional Electrical Engineer of the Year Award to Mr. Ken Brown of Western Power. The Panel is looking at future needs in WA regarding Regulatory and Australian Standards.

Engineering Heritage

Don Young FIEAust CPEng

The main activity in 2010 was to research and prepare a successful nomination for the Fremantle Fortress-Rottne Island WW2 Coastal Defence Facilities to be awarded an Engineering Heritage National Landmark. A commemoration ceremony was held on Rottne Island on November 10. Other activities included the design and manufacture of an Interpretation Panel describing the design and construction of Mitchell Freeway Stage 1 which will be erected at the Narrows Interchange site in December.

Engineers Without Borders

Dani Barrington GradIEAust

The EWB WA Chapter has had a fantastic year in our focus areas of Organisational Development, Learning and Change, and Working with Communities. Some of our biggest achievements include:

- Launching a new project working with volunteers on the ground in Cambodia, and completing a detailed design for a floating wastewater treatment system for use on the Tonle Sap;
- Holding a second successful Pathways to Working with Developing Communities Workshop, and two Stepping Stones Workshops;
- Fundraising \$30,000 through the help of volunteers, members and Corporate Partners;

The WA Chapter is ready to rock for another twelve months, and we're eagerly anticipating 2011: The Year of Humanitarian Engineering.

Goldfields Group

Gunnar Denis Horn MIEAust CPEng

The Goldfields Group was engaged with two main events in 2010. The presentation on 28 September Engineering Leadership in a Rapidly Changing World with speakers WA Division President Professor Tony Lucey and David Mofflin of WorleyParsons was enjoyed by a diverse audience at the Hannans Club. The Science and Engineering Challenge was successfully held on 28 October at the Oasis and 8 schools took part. Many thanks to the major sponsors and the many individuals who volunteered to assist. They enjoyed the event as much as the students, and this is also a tribute to much planning, and augurs well for the future.

Great Southern Group

Andrew Barker MIEAust CPEng

The Great Southern Group has been resurrected after many years of not meeting. We have had two excellent technical presentations with one more scheduled before the end of the

year. We have formed a committee of 5 and typically have between 15 and 25 people attending the sessions. The Science and Engineering Challenge was also held in the Great Southern for the first time with 7 local schools and nearly 200 children and teachers attending. Next year the Group will be concentrating on continuing to organise technical presentations and encouraging membership and progression to Chartered Status.

Hydrology and Water Resources Panel

Dr Neil Coles

The Hydrology and Water Resources Panel has had a busy time of it this year, with a significant contribution being made to the review of the Australian Rainfall & Runoff: A Guide to Flood Estimation currently underway and overseen by IEAust. The panel was instrumental in co-ordinating input from WA Engineering Consultants and State Government Departments for Project 5 and Project 7. A reduced number of seminars were held this year to enable the panel to focus on the review, with a draft due out in March 2011. The panel looks forward to continuing to provide strong input to the AR&R review next year and thanks all those involved.

ITEE College

Peter Mauger MIEAust

The ITEE College Panel provides an active program of professional development events, generally on the 4th Thurs of each month. The Panel collaborates with the IICA (Institution of Instrumentation Control and Automation) and ATUG (Australian Telecommunications User Group) to provide a wide range of technical events. The Panel also provides support for the JEEP series of technical presentations. In total 21 events were successfully held throughout the year. The ITEE College Panel also had 4 members provide representation on the ITEE Board and is providing leadership nationally in relation to the promotion of Software Engineering.

International Engineers Group

Namvar Yaghooti MIEAust CPEng

The International Engineers Group (IEG) has been formed since June 2010 and is running regular monthly meetings. We are focusing on issues which relate to members such as integrating into Australian culture, difficulty finding a job, communication, assimilation in the workplace and cross-cultural sensitivity. We usually discuss areas of interest and organise workshops, seminars and events to suit our members including training, mentoring, networking, effective communication, workplace expectations, interview structure and skills, technical writing, and understanding Australian values and culture. Formation committee members are Namvar Yaghooti (Chair), David Karr (Deputy Chairman), Paul Copland, Arnel Aguinot, Pinder Manik, Saeed Bae, Ernst Krauss, Amer Saabi, John Adeyemi Falade

Mechanical Branch

Eric Lau MIEAust CPEng

The Mechanical Branch has had an eventful year with 10 excellent technical presentations and a site visit. The presentations covered various topics of interest to mechanical engineers to assist in their continuing professional development. Eminent speakers from the UK, USA and Australia presented at several jointly organised sessions with kindred organisations such

as IMechE, ASME and ASBSH. The main committee discussions were on the quality of university education in WA, accreditation and potential training courses which can be subsidised for Engineers Australia members. The committee welcomes three new members and thanks all its volunteers for their dedication.

Oil & Gas Facilities Group

Julie Morgan

Our wide ranging technical sessions were topical with oil spill clean-ups (Ivan Skibinski, AMOSC) and emergency response ROV operations on BOPs in the GoM (Tony Connell, Oceaneering). Pipelines had a fair-go with excellent examples of surge challenges (Glyn Addicott, HAL), inspection using remote NDT tools (Roland Fricke, Woodside) and the ultimate "Pipeline Repair Club" (Ray Farrier, Nemo). We managed upcoming challenges of hydrates and wax (Alan Scott, Nalco & Braden Dunsmore, Baker Hughes). We considered integrated operations as opportunities to improve efficiency and safety (David Haake, IBM & David Cavanagh, Integrated Energy). Safety was heard through noise and vibration (Jim McLoughlin, SVT) and on floating LNG facilities (Graham Bower-White, Xodus).

RTSA

John Goodall MIEAust

The WA Chapter RTSA has again had a busy year with 10 professional development activities including nine presentations and a site visit. The program featured two international speakers as part of the RTSA 2010 Keynote Speaker Tour and RTSA 2010 Eminent Speaker Tour. Two functions were jointly sponsored with the Transport Panel. The activities attracted almost 500 members and visitors. The society held an inaugural Annual Dinner in 2010. This very successful event featured the Lord Major of Perth Lisa Scaffidi as guest speaker and attracted 190 guests. The Chapter continued with its sponsorship of the very popular EA supported Science and Engineering Challenge for Year Nine high school students.

Retired Engineers Group

Mike Corboy FIEAust CPEng

During 2010 the Retired Engineers Group has held six well supported functions that keep our members and their partners in touch with one another, with Engineers Australia and with developments within the community. The functions included site visits to the Gravity Discovery Centre at GinGin, the RAAF Base at Pearce and The West Australian Print Centre and Newspaper House in Herdsman. The guest speaker at the December lunch will be Anne Driscoll the Commissioner for Consumer Protection in the Department Of Commerce. At December function in 2009 eighty six members, partners and guests were present to hear a presentation from the Chief Justice of Western Australia the Hon Wayne Martin.

Society of Building Services Engineers

Roy Forbes MIEAust CPEng

Once again SBSE has had a productive year under the direction of chairman Terry Spiro and ably supported by an effective committee. Changes within the committee, resulting from work transfers, and a revised strategy for future growth have enabled the recruitment of younger members to be included. Main activities have again been an excellent mix of Technical Sessions

and Site visits mostly organised by our Technical Programme coordinator Michael Garton aided by other committee members in some instances. These included a range of highly respected speakers and several informative site visits. Links with CIBSE and AIRAH have continued to strengthen and the year culminates in the annual CIBSE/SBSE Christmas luncheon.

Structures Panel

Harry Backes MIEAust CPEng

The structures panel of WA has continued its strong member involvement, having grown to a 19 person committee. A robust seminar offering has been maintained with 4000 CPD man hours anticipated to have been offered by the end of 2010. Seminars are now partially sponsored, facilitating networking opportunities through the supply of drinks and snacks prior to the presentations. Interaction and co-branded seminars have occurred with related associations including Cement Concrete & Aggregates Australia (CCAA), Concrete Institute of Australia (CIA), Australian Steel Institute (ASI) and IStructE. The panel is also actively involved in organising the Australasian Structural Engineering Conference (ASEC) which will be held in Perth in July 2012.

Transport Panel

Bob Peters FIEAust CPEng

The Transport Panel has once again been very active in 2010. We had 12 events. We met with the Minister for Police Rob Johnson and made a submission on the proposal to establish a Western Australian Pavement Asset Research Centre. One of our stalwarts Sarkis Petrossian won an EA Engineering Medal and we nominated Professor Greg Martin for the 2010 National Transport Medal. My Transport Panel members are a great bunch. I would particularly like to thank Sarkis Petrossian, Phillip Yap, Chris Fitzhardinge, Barry Moore, Mike Klyne and Flori Mihai for their efforts this year.

The Society for Sustainability and Environmental Engineering

Shan Sureshan MIEAust CPEng

The Society for Sustainability and Environmental Engineering WA Chapter continued on its core task of delivering professional development for members through technical seminars. SSEE offered 8 technical presentations in 2010 and some are jointly organised presentations with other panels such as CELM, Transport, AGIC, College of Environmental Engineering and College of Civil Engineering. These seminars covered a wide range of topics and most events were well attended and well received with an average of 30 attendees and over 65 people attending the Electric vehicles in WA seminar. The Committee continues to focus on current and potential new members, for greater participation with SSEE activities.

Women in Engineering

Melissa Marinelli MIEAust

Working to our objectives of Attract, Retain, Support and Celebrate, 2010 was a successful year for Women in Engineering. A range of technical presentations, skill development events and networking opportunities allowed members to connect with each other and strengthen professional relationships. Highlights included our university events at ECU and Murdoch – linking

students with WIE and industry, our ongoing relationship with Breast Care WA through the Purple Boot Cocktail Party and the "Eat, Pray, Love" movie night attracting 300 people and raising over \$3000 for Breast Care WA, and the "Women Leading the Way" symposium held to celebrate the Year of Engineering Leadership.

Young Engineers

Ben Bristow GradIEAust

The Young Engineers WA Division had a successful year with a good turnout to all of the social and technical events. The social event highlights included an 'opening night' sundowner attended by over 100 people as well as fantastic attendance and participation

Professional Development Program

By Alexandra Sparvell

National Industry Relationship Manager, Engineers Australia

The momentum continues. Western Australia continues to lead the country with implementation and activity on the The Professional Development Program (PDP). WA PDP participants accounted for 25% of the total Career Episodes submitted nationally during 2010. This is largely due to the support the participants receive from their mentors and supervisors and internal company activities supporting the participants through the reflection process necessary to write a Career Episode.

In 2010 Hatch and WorleyParsons shared their successful strategies at a meeting of PDP organisations following on from SKM's presentation of their strategies last year. The common theme from all successful PDP companies is the Programs do not function in isolation, it is part of the wider people strategies actively supported by senior leadership, mentors and the graduates themselves.

Other activities in 2010 included:

- New companies continue to sign agreements but most notably this financial year has seen all of our top 10 clients re-sign their PDP agreements.
- To assist continuous improvement a survey of the PDP companies was completed with a high response rate reporting very high value and satisfaction ratings for the Program and the service delivered.
- The launch of the Engineering Capability Model that brings together the credentials offered by Engineers Australia, supporting professional development delivered by Engineering Education Australia, as well as the formal and informal Continuing Professional Development (CPD) offered by Engineers Australia, Engineering Education Australia and Engineers Media.

Future developments include:

- A new staff member will join the Division for 2011 to promote student and graduate membership and assist to support PDP companies to implement their programs and leverage their employer of choice status within universities.
- A strategic review of the PDP and Chartered Status to prepare for national registration in the medium term.

We look forward to continuing to develop new and existing partnerships with organisations to support the attainment of Engineers Australia credentials into the future.

at the annual Sports Day and Quiz Night. The technical sessions included presentations from AECOM, Clough and the Honourable Bill Marmion (joint event with CELM) as well as a site visit to FESA. The year is set to conclude with an end of year sundowner including a workshop on 'the journey to becoming an expert' at the New Esplanade Hotel on December 8.

2010 Division Committee

The Division Committee, led by the Division President, governs and guides the Division. The Division Committee: determines the strategies of the Division in pursuing Engineers Australia's objectives; provides leadership and direction to the division groups, division office bearers and division volunteers, and guidance to the division staff; provides advice to Council on behalf of the members of the Division; and provides a public voice for Engineers Australia within the Division.

Division President

Professor Tony Lucey FIEAust

Past President

Chris Fitzhardinge FIEAust CPEng

Deputy President

Barry Tonkin FIEAust CPEng

Vice President

Professor Mark Bush FIEAust CPEng

Advisory Board (DABWA) Chairperson

Bob Broadway FIEAust CPEng

Women in Engineering Representative

Melissa Marinelli MIEAust

Young Engineers Representative

Ben Bristow GradIEAust

Engineering Techs/Assocs Representative

Will Neethling TMIEAust CEngT

Committee Member

David Mofflin FIEAust CPEng

Committee Member

Helen Pedersen FIEAust

Committee Member

Lorie Jones FIEAust CPEng

Committee Member

Les West FIEAust CPEng

Committee Member

Matthew Taylor MIEAust CPEng

YEAR IN *review* 2010

ENGINEERS AUSTRALIA WA DIVISION

With thanks to our Partners & Sponsors

Engineers Australia WA Division would like to acknowledge the vital contribution of its Partners and Sponsors in enabling us to provide a range of services to our members and to promote the engineering profession to the wider community.

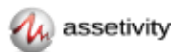
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