



**The Sustainable
Engineering Society**

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SENG Vic Chapter AGM

Agenda

- Vic Chapter Chair's report
- SENG National Board report
- Guest Speaker: Dr Graeme Pearman

Climate Change: A Matter of Sustainability



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Our role...

Aligning with EA Strategic plan, (Strategic Domains)
especially:

- Body of Knowledge and Professional Development.
- Leadership and Influence.
- Education and Qualification.



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Our committee...

- Michael Hassett (Chair & National Board)
- Kim Farrant (Secretary)
- Radha Rockwood (Treasurer)
- David Spink (Past Chair and BoE Rep)
- Fraser Gibson (National Board)
- Tim Bush
- Chris Velasco
- Ray Pritchard*
- Penelope Somers
- Jack Zhao
- Hassan Bathish
- Kate Smith
- Chris Young*

* Not continuing in 2014



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Body of knowledge - Technical Seminar program 2013

- March - Sustainability Assessment Training (two day course) - 5 attendees
- March - Sustainable Transport - 57
- May - Coal Seam Gas - 75
- June - Cutting Edge Renewable Technologies - 87
- August - True Cost of the Natural Environment - 40
- September - Sustainable Cities and Urban Growth - 54
- October - Integrated Water Management - 31



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CPD Delivered

| | CPD Hours | Attendance | Aggregate CPD (Person hours) |
|---------------------|-----------|------------|------------------------------------|
| Structured Training | 15 | 5 | 75 |
| Technical Seminars | 7.5 | 57* | 428 |
| Total | | | 503 |

* Average



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Chapter Finances (2013 calendar year)

| | Income | Expense | P/L |
|----------------------------|--------|---------|---------|
| Structured Training | \$3311 | \$3087 | \$224 |
| Technical Seminars | \$750 | \$1980 | -\$1230 |
| Total | \$4061 | \$5067 | -\$1006 |



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Leadership and Influence - Policy submissions and Public Statements

Working through National Board and Director of Policy and
Media, Brent Jackson

- Submission to ARENA on Regional Australia's Renewables program (Fraser Gibson & Deane Belfield)
- Response to NCFE Issues Paper on Australia's Energy Options and Strategies, advocating stronger renewable focus (Fraser Gibson)
- Opposition to threatened closure of CEFC (Fraser Gibson)
- Protecting EPBC Act (Fraser Gibson)
- Submission to CCA Caps and Targets Review advocating stronger emission reduction targets (Ray Pritchard)
- Opposition to repeal of Clean Energy Package & Carbon Price (National Board, Vic Chapter members contributing)

<http://seng.org.au/node/452>



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Leadership and Influence - EA on-line Election Forum

- Under Threat: The EPBC Act. (Vic Chapter)
- CCA Caps & Targets Review (Vic Chapter)
(top comment topic (27))
- Climate Change (Vic Chapter) (submitted but
not posted on the forum)
- Australian water - Where to from here? (ACT
chapter)
- Energy & Sustainability (SA Chapter)

<https://www.engineersaustralia.org.au/cop/>



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Leadership and Influence - EA Congress November 2013

- Topic: Climate Change Policy - Public Position.
- Obtained sufficient backing from delegates for acceptance on agenda.
- Spearheaded by SENG (Vic & SA) with backing of Environment College.
- Advocates strengthening EA climate policy:
 - Australia's vulnerability;
 - Influential role internationally;
 - Economic benefits of clean energy transition;
 - Ethical obligations on the profession.



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Education and Qualification - Sustainable Engineering Student Award 2012

- Victorian student award organisers Tim Bush & Chris Velasco.
- Four entries (Melbourne, Monash, Swinburne and RMIT universities).
- Winner: Kylie Bishop RMIT “Anaerobic Co-digestion of Municipal Solid Waste.
- Kylie went on to win SENG national award.
- Presented paper at 2013 SENG National Conference in Canberra.



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National Board Report

- Representatives from all state chapters
- Meets twice a year face to face
- Monthly teleconferences



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SENG Membership

| | 2012 | 2013 |
|-----------------|-------------|------------|
| Victoria | 231 | 164 |
| NSW | 165 | 143 |
| Queensland | 265 | 212 |
| SA | 67 | 48 |
| WA | 146 | 94 |
| Tasmania | 15 | 12 |
| ACT | 38 | 32 |
| Newcastle | 45 | 34 |
| Overseas | 36 | 25 |
| Total | 1008 | 764 |
| | | |

Numbers decrease
due to removal of
members in arrears

- Member 599
- Student 126
- Retired 39



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Financial

| | 2012-13 (actual) | 2013-14 (budget) |
|------------------------|------------------|------------------|
| Income | \$70,269 | \$96,000 |
| Expenses | \$141,071 | \$125,470 |
| Profit (Loss) | -\$70,802 | -\$29,470 |
| Assets/reserves | \$72,368 | \$42,000 approx |

- WME magazine ~ \$37k
- Sustainability Survey \$20k
- 2013 national conference \$20k
- Extra return from conference expected
- CPD events to be break even
- Membership fee increases planned



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Magazine

- WME magazine replaced Sustainability and Infrastructure from Jan 2013.
- Eleven issues per year.
- SENG content 8 pages quarterly.
- Cost approx \$37k (\$48 per member).
- Normal subscription \$189 p.a.





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Looking ahead to 2014 (Vic Chapter)

- Will hold six CPD events as in 2013.
- Events to be cost neutral - Charging or sponsorships?
- SENG participating in Convention 2014
Conference on Practical Responses to Climate Change.
- New Committee members welcome!



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And now..our guest speaker

Climate Change: A matter of sustainability
Dr Graeme Pearman