



The Sustainable Engineering Society

...engineering in harmony with ecology

Presents:

Tuesday 16 April 2013

Time: 5:30pm for 6:00pm start

Venue:

Hawken Auditorium, Engineering House
447 Upper Edward St, Brisbane

Cost:

Members	\$15
Non Members	\$30
Students	\$10

Please register to assist catering

PLEASE NOTE: Booking online is recommended.

Only Credit Card payments can be accepted at the door.

Speaker:

Andrew Chamberlain – Project Manager - District Cooling at CitySmart Pty Ltd

Andrew Chamberlain is an Environmental Scientist and Town Planner.

He has worked as a town planning consultant, the development manager at a British wind energy business, contract project manager and sustainability advisor at three London Councils and as a town planner for Brisbane City Council.

Andrew has recently left the Queensland Government after working with industry on a number of sustainability programs such as ecoBiz and leading renewable energy projects at the Office of Clean Energy including the Solar Flagships Program. Andrew has recently joined CitySmart to develop a Brisbane Central Business District cooling system.



CITYSMART

A Brisbane City Council initiative

Brisbane District Cooling System

CitySmart is investigating the feasibility of a District Cooling System (DCS) for the Brisbane Central Business District. A district cooling system is a centralised water chilling system that will replace the chillers and cooling towers within individual buildings, supplying them instead with chilled water through underground pipes. When combined with Thermal Energy Storage (TES), the system can chill water during off-peak periods and will result in significant energy savings for individual buildings (and overall), as well as significant cost savings. The cost savings are achieved through net energy reductions, as well as a shift to off-peak energy consumption.

By tapping into a District Cooling System in the Brisbane CBD, building owners and tenants will achieve significant energy, water and financial savings. The project will achieve an electricity peak demand reduction for the CBD, meaning deferred infrastructure investment, greater asset utilisation and less pressure on long-term electricity prices. The presentation will outline the benefits and next steps for the development.

The presentation will be followed by discussion where comments and questions from attendees will be welcomed.

Drinks and Networking

Please join us for a few drinks and light supper after the presentation.

The presentation will count as one hour towards your CPD.



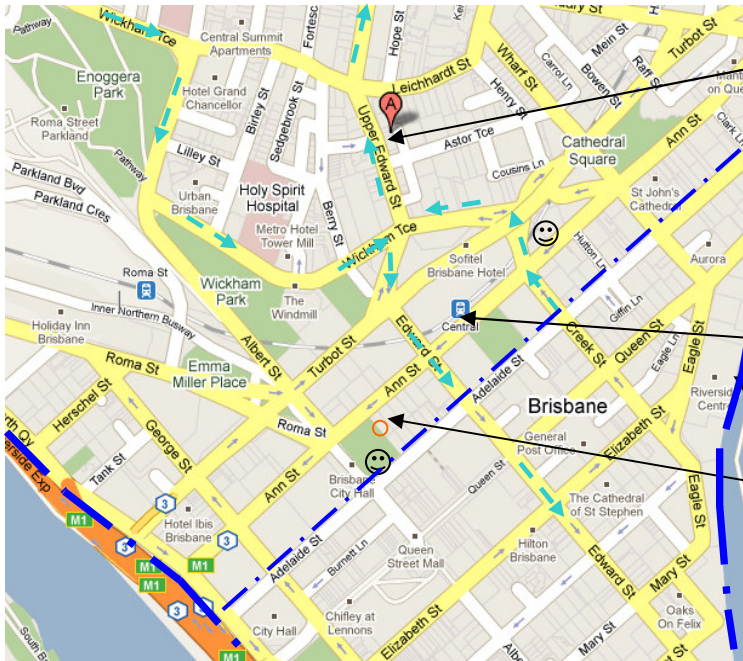
Drinks and Networking

Please join us for a few drinks and light supper after the presentation.

- For catering purposes **please register by 5pm on Thursday 11 April 2013.**
- Register on-line at the [QLD Division Events Website](#)
- Please telephone Qld Division for any registration queries (07) 3832 3749

The presentation will count as 1 hour towards your EA CPD.

SEng encourages you to travel by public transport.



Engineering House

447 Upper Edward St

Spring Hill Loop bus
every 10 minutes until 6pm

Pedestrian - Cycle way

Central Train Station

Citycat

Transport Information Centre

CityCycle station

For more information go to <http://www.translink.com.au/> or visit the **Transport Information Centre** at King George Square station, Ann Street Concourse.

Join SEng to take advantage of the lower registration costs.

Annual membership costs to join the SEng are provided below:

Engineers Australia Members (incl GST)

General - \$71.50

Student - FREE

Retired - \$27.50

Non Engineers Australia Members (incl GST)

General - \$93.50

Student - FREE

Retired - \$38.50

Download the [membership application form](#).

Visit the SEng website at: <http://seng.org.au/>

Visit the Engineers Australia Qld website at: <http://qld.engineersaustralia.org.au/>

