



THE AUSTRALIAN INSTITUTE OF ENERGY SYDNEY BRANCH

ABN 95 001 509 173 010

Evening Presentation

Wednesday April 28, 2010

“Sustainable Sydney 2030”

Moving Sydney Towards a Low Carbon Decentralised Energy Future

**Allan Jones MBE, I.Eng, FIET; FRSA, Chief Development Officer,
Energy and Climate Change, City of Sydney**

Date: Wednesday April 28, 2010

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

Venue: State & Regional Development & Tourism NSW
Level 47, MLC Centre
19 Martin Place, Sydney NSW

Cost: Non-members of the Institute \$30; Full-time students free; Members free

Synopsis

The presentation summarises a practical strategy for a sustainable energy society deriving its initial energy needs from low carbon energy resources whilst at the same time establishing a decentralised energy infrastructure. This enables future energy needs to be derived from wholly renewable energy resources - within the *Sustainable Sydney 2030* timescale to reduce CO₂ emissions by 70% by 2030. These concepts can be applied to any community in the Australia or indeed in the world.

At Woking and in London Allan Jones with his unique experience and expertise in decentralised energy systems was able to tease out the real issues and barriers to a sustainable energy future through the actual implementation of such systems, including decentralised energy – cogeneration and trigeneration, renewable energy, fuel cell technology, microgeneration, alternative fuels from waste, water recovery and low carbon transport systems. This model is now being adapted in Sydney to help to deliver the targets in *Sustainable Sydney 2030*.

The presentation will cover the following:-

- Energy Services – background to decentralised energy in Woking and in London.
- Sustainable Sydney 2030 – Vision and action plan.
- Island Sydney – Decentralised Energy Master Plans.
- Showing by Doing – Implementing the City’s own trigeneration and renewable energy projects.

Biography

Allan is Chief Development Officer, Energy and Climate Change of the City of Sydney and has over 30 years experience in local, city and regional government in the housing, property, building services, energy, water, waste, transport and climate change sectors. Prior to his appointment Allan worked as an energy and climate change consultant both in the UK and overseas, including working for the City of Sydney on a number of energy and climate change projects and advising on the delivery of the climate change targets in Sustainable Sydney 2030, in particular on trigeneration and other green infrastructure. Allan will continue to provide leadership, strategic direction and high level advocacy to promote the changes which support the development and delivery of green infrastructure within the City.

Until November 2009 Allan was also a Director/Trustee of the Sustainable Environment Foundation, a foundation that promotes for the benefit and advances the education of the public the conservation, protection and improvement of the physical and natural environment.

From November 2004 to October 2008 Allan was Chief Executive Officer of the London Climate Change Agency Ltd (LCCA), a municipal company that developed and implemented projects in the sectors that impact on climate change, especially in the energy, water, waste and transport sectors. In addition to being Chief Executive Officer of the LCCA, Allan was also the LCCA's Executive Director of the London ESCO Ltd and the LCCA's Director of the Better Buildings Partnership Ltd.

During his time in London Allan set up and ran the LCCA, developed the energy and climate change elements of the London Plan, Mayor's Climate Change Action Plan and the new Mayoral Climate Change Statutory Duty as well as developing and implementing decentralised energy and renewable energy projects in London. One of the key projects that Allan implemented was the procurement and establishment of the London ESCO, a public/private joint venture Energy Services Company between the LCCA Ltd and EDF Energy plc, which designs, finances, builds and operates decentralised energy systems for both new and existing development.

Prior to his appointment by the Mayor of London Allan was Woking Borough Council's Director of Thamesway Ltd., developing and implementing projects through its public/private joint venture Energy Services Company – Thamesway Energy Ltd.

During his time at Woking, Allan reduced CO₂ emissions by 77.5% from 1990 levels to 2004, improved the energy efficiency of the existing housing stock within its area by 30% from 1996 to 2004 and undertook groundbreaking work on energy and water efficiency, private wire CHP cogeneration and trigeneration decentralised energy systems, environmentally friendly waste recycling/recovery and energy from waste technologies, alternative fuels for transport, renewable energy and fuel cells. Under Allan, Woking installed 81 private wire decentralised energy systems, nearly 10% of the UK's total installed solar energy photovoltaics and the first fuel cell CHP in the UK.

Prior to Woking Allan worked for the Greater London Council/Inner London Education Authority for 18 years working on major development and regeneration projects both as an engineer and senior manager.

Allan was appointed a Member of the British Empire in 1999 for services to energy and water efficiency and was instrumental in Woking Borough Council gaining the Queen's Award for Enterprise: Sustainable Development 2001 in the development of Local Sustainable Community Energy Systems, the only local authority ever to receive a Queen's Award for Enterprise.

Supported by:



RSVP: COB Friday April 23, to Gwen Cant by email: syd@aie.org.au.

For more information please contact John Blik M: 0400 851 204

REGISTRATION FORM

Tax Invoice / Receipt

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for Wednesday April 28, 2010

Moving Sydney Towards a Low Carbon Decentralised Energy Future

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