



# The Sustainable Engineering Society

...engineering in harmony with ecology

Presents:

## Engineering a Steady State Economy

**Tuesday 24 November 2015**

**Time:**

**5:00pm for a 5:30 pm start**

**Venue:**

Hawken Auditorium, Engineering House  
447 Upper Edward St, Brisbane

**Cost:**

Members	\$15
Non Members	\$45
Students & Community Groups	\$15

Register on-line at the [QLD Division Events Website](#)

**REGISTER ONLINE**

**Contact:**

CPD Events and Group Engagement Team  
1300 653 113

**Programme:**

- 5:00 - Registration**
- 5:30 - Introduction**
- 5:35 - Dr Jane O'Sullivan**     *Sustainability starts with a stable population*
- 6:00 - Richard Sanders**     *Beyond Steady State Economics*
- 6:25 - Candice Quartermain**     *Circular Economy, designing for abundance*  
[ by skype ]
- 6:50 - Panel Discussion**
- 7:20 - Light supper, drinks and networking**
- 8:00 - close**

Nearly every engineering profession is involved in building infrastructure or servicing the needs of the public. Engineering planning usually involves the use of projected populations, usage or consumption rates, and demographic information to determine the most appropriate size, location and design of engineering works.

Yet how often do engineers actually think about these projections and if they are truly sustainable and realistic in the long term. Perhaps it is time that rather than just adopting the figures provided engineers engage in a debate to help ensure a sustainable future for Australia.

On a finite planet nothing physical can keep on growing forever.

How can engineering contribute to achieving a sustainable and prosperous, but non-growing (a "steady-state") economy.

The presentation will count as two hours towards your CPD.



## Speakers:

### Dr Jane O'Sullivan - School of Agriculture and Food Sciences UQ

Dr. Jane O'Sullivan has led research programs on agricultural intensification in developing countries before turning attention to the demographic pressures on food security and resource overconsumption. She has published ground-breaking work on the economic impacts of population growth, particularly those related to infrastructure provision. She regularly represents Sustainable Population Australia (SPA) at United Nations climate change conferences and is currently the president of the Queensland Branch of SPA.

### Richard Sanders - Queensland Director, Centre for the Advancement of Steady State Economy (CASSE)

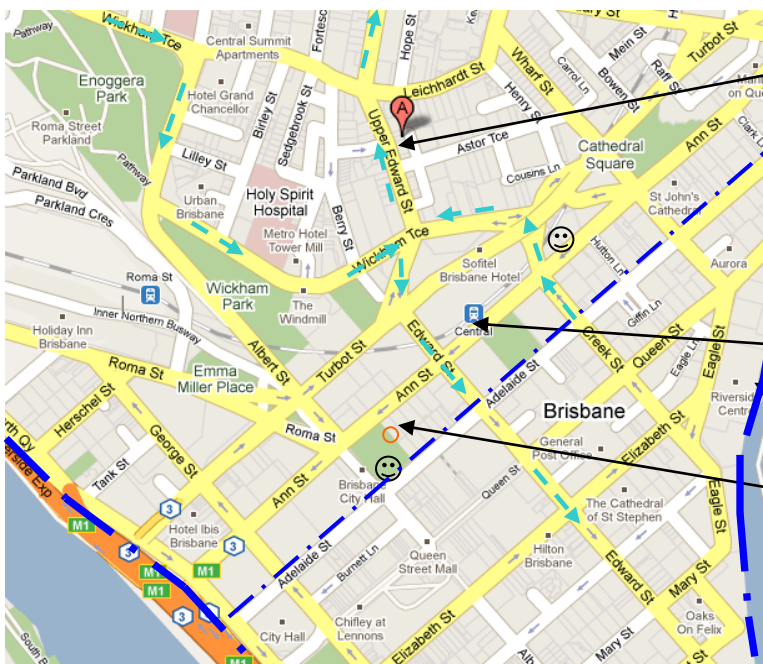
Richard is an ecological economist, futurist, environmental scientist and change agent who has delved deeply into the concept of sustainability for over 20 years and been a steady stater for over 40 years. He is employed as a principal policy officer within the Queensland government dealing with sustainability and resource management. He is executive officer and founder of Quest 2025, a not-for-profit community organisation which aims to: "help facilitate the transformation of society through informed people power and the democratic process from its current state of social, spiritual and ecological crisis into an enlightened civilisation that is ecologically sustainable and socially just by the year 2025

### Candice Quartermain - Programme Director and Founder, Circular Economy Australia, General Manager at Common Ventures

Candice has founded her first start-up, managed the future of innovation for global enterprises and is now taking center stage connecting industries and regenerative design with her organisation, Circular Economy Australia.

Founded in 2010, Circular Economy Australia seeks to push the nation into innovation superdrive and kick-start traditional businesses into Silicon Valley thinking. By moving away from the current take-make-throwaway model towards one of redesign-reuse-regenerate, Circular Economy Australia are single-handedly pioneering how innovation can aid this transition.

## 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 SENNG to take advantage of the lower registration costs.

For more information about SENNG membership, visit the SENNG website at: <http://seng.org.au/membership>

