



Piers 3-7 Thames Barrier, London

## The Australian Cost Engineering Society (ACES) Vic Newsletter – November 2019

Welcome to our 5th Newsletter of 2019. Under our 2019 theme of **“Valuable Engineering”** we enjoyed our fourth seminar on **“Value Engineering: Critical Tools for Smart Choices”** on 17 September 2019. Guest speaker was Cherie Lee (Managing Director of Maxen Consulting Group) who earlier headed up the Value Engineering team at LXP. Photos from the seminar are included in this newsletter.

Following the previous seminar on 16 July 2019, the Annual General Meeting of ACES Vic was held and we are pleased to welcome 4 new committee members namely Andrew Koh, Saranya Kuganathan, Viknesveran Sivalingam and Vincent Wong. Our thanks go to retiring committee members for their time and effort in contributing to the successful running of ACES Vic over the past year. Those retiring include: Margaret Brunda, Rahul Dawar, Robert Dick, and Varan Karunakaran.

The current big event for Project Controls is the **PC Expo at the ‘G on Tuesday 26 November 2019** with the Awards dinner the evening before. This will be the first time for ACES and Engineers Australia members that an Award for Australian Chartered Professional Engineer (Cost/Schedule/Risk) of the Year 2019 will be awarded. See below for the promo codes for ACES Members.

The new committee has been working hard on the **seminar program for 2020** under the theme of **“Optimising Waste”**. A Rev A version for the proposed seminars is included in this newsletter. You are invited to suggest suitable speakers and points of view on each of the 4 sub-themes.

We are looking forward to seeing you at PC Expo, especially if you can visit the ACES stand where we are promoting the development of professionals to enable the reliable delivery of engineering projects to cost and time.

Regards,  
John Paterson  
Chair ACES Vic



**Project Controls  
EXPO  
Awards**

**FIRST PROJECT CONTROLS  
AWARDS EVENT TAKING  
PLACE IN AUSTRALIA!**

**NOVEMBER 2019**  
25th - AWARDS EVENING  
26th - EXPO EVENT

Melbourne Cricket  
Ground, Australia

E: [aus@projectcontrolexpo.com](mailto:aus@projectcontrolexpo.com)  
W: [www.projectcontrolexpo.com/aus/awards](http://www.projectcontrolexpo.com/aus/awards)

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Click here for the full program and Registration Use the promo-code **ACES148** to obtain 50% discount.  
[https://projectcontrolexpo.com/aus/?from\\_site=1](https://projectcontrolexpo.com/aus/?from_site=1)

## ACES Vic. - Theme for 2020 Seminars – “Optimizing Waste”

### Overview

A headache or an opportunity? How do you define waste? Is it time utilisation? Effort? Materials? Energy? The depletion of the Environment? What must leaders do to identify and avoid waste and develop a vision to motivate their teams to harness opportunities in using by-products for the benefit of the community? Can Automation be harnessed to maximize productivity and minimise waste throughout the project life cycle? What are the logical measures to apply in assessing the Benefit/Cost of utilising waste?

### - 17 March 2020 - Innovations Management

Waste Minimisation. Opportunities for cost innovation. This Seminar will explore new approaches and research into waste utilisation. What Innovative recycling ideas are implemented in the Engineering Space? How are by-products being utilised to reduce costs? What is the Domestic recycling state of affairs? Industry experts will share their Innovations and “out of the box” techniques. How do we optimise the processes that are currently in place to maximise improvements and minimise waste. Should the government invest in R&D to mobilise the Engineering brain-power to seek the best inputs from a wide variety of engineering disciplines?

### - 19 May 2020 - Leadership in Project Controls: Waste Cost Matters

What must leaders do in Identifying optimal performance in waste? How do they identify the right people, train and develop skills and motivate them to harness opportunities for utilisation of waste? How do they measure and assess performance? What are the management frameworks for adapting in a global environment?

### - 21 July 2020 - Automation Engineering

Can Automation Engineering save time, labour, material and energy to reduce waste? How can Automation increase precision and be utilised to enhance quality and minimise wastage? What Advanced recycling technologies are available to separate waste and enhance the use of by-product material? How can energy demand of voltage and frequency be optimised to enhance power usage? This Seminar will explore the core of Engineering Principles and Challenges.

### - 15 September 2020 - Cost of Waste Management

"One man's trash is another man's treasure". What is the true cost in money, time, resources and environmental impact? How do we identify opportunities in re-allocation of resources across projects and converting waste into by-products? What can be done with decommissioned equipment, demolition material and many other possibilities? This seminar will explore the logical measures to apply in assessing life-cycle Benefit/Cost of utilising waste?

All seminars at Engineers Australia Level 31, 600 Bourke St Melbourne.

## Project Engineering Working Group

The EA College of Leadership & Management (CLM) has formed a Project Engineering Working Group (PEWG) to deliver a report to the CLM board that proposes a program for investigating the practice of engineering leadership and management in complex projects to enable the college and associated technical societies (ACES, RES, SESA, & AMC) to provide advice to Engineers Australia, on the practice of engineering leadership and management in complex projects.

ACES is represented by Nolan Bear (ACES National Chair) who has been proactive in forming this group. The initial intentions of the PEWG are to:

- Codify current recommended practice available within EA
- Develop coordinated programs of collaboration with external stakeholders and interest groups.

We will provide updates in future newsletters.

### ACES WEBSITE

**The ACES website is up and running** – Buddhike Kularatne is managing the site for ACES Vic and your feedback is invited on what you think of the site, what's missing, and what items you would like to see.

<https://www.costengineer.org.au/>

### UPCOMING EVENTS

#### Conferences 2019

20-22 Nov '19 World Engineering Conference – Melbourne Exhibition Centre

<https://www.wec2019.org.au/>

25 Nov 2019 Awards dinner for Project Controls Expo - Melbourne Cricket Ground

<https://projectcontrolexpo.com/aus/awards>

26 Nov '19 Project Controls Expo - Melbourne Cricket Ground

<https://projectcontrolexpo.com/aus/>

## ACES Vic Committee – Meet the Team

At the AGM on 16 July 2019 the new ACES Vic Committee was elected as follows:

**Vic Chair**

John Paterson  
[johnp@jdpa.com.au](mailto:johnp@jdpa.com.au)  
0412 993 610

**Vic Deputy Chair**

Simon Wong  
[simonwingyanwong@gmail.com](mailto:simonwingyanwong@gmail.com)  
0411 961 359

**Secretary**

Dorothy Saristavros

**Treasurer**

Vincent Wong

**Committee members**

Nolan Bear  
Andrew Koh  
Saranya Kuganathan  
Buddhike Kularatne  
Claudio Oliveri  
Laurie Pole  
Viknesveran Sivalingam

### So, How to contribute?... and Why?

Membership of the ACES and participation in its programs puts you in touch with experienced, like-minded professionals, who will enrich your understanding and knowledge; provide the opportunity to share your insights and develop your communication skills; enhance your reputation; and give you the satisfaction of contributing back to your profession.

There are numerous opportunities, so contact myself ([johnp@jdpa.com.au](mailto:johnp@jdpa.com.au)) or Simon Wong ([simonwingyanwong@gmail.com](mailto:simonwingyanwong@gmail.com)) to discuss the possibilities.

Gallery from 17 September 2019 – “Value Engineering: Critical Tools for Smart Choices” all taken by Vincent Wong (ACES Vic Treasurer)



Left photo: Deputy Chair, Simon Wong introduces Cherie Lee and Right photo: Cherie Lee makes a point at Seminar “Value Engineering 17 September 2019.



Left photo: Cherie Lee and Vic Committee members discuss the issues and right photo Saranya Kuganathan records the event. Below left: Simon Wong, Cherie Lee, John Paterson and Below right: Nolan Bear thanks Cherie Lee.





## Contact Details

Sydney Chapter  
NSW Chair – David Ronksley  
[david.ronksley@c2rconsulting.com.au](mailto:david.ronksley@c2rconsulting.com.au)

Perth Chapter  
WA Chair – Gaston Van Wyk  
[Gaston.VanWyk@riotinto.com](mailto:Gaston.VanWyk@riotinto.com)

National Chapter  
National Chair - Nolan Bear  
[nolanbear@gmail.com](mailto:nolanbear@gmail.com)

Brisbane Chapter  
QLD Chair – Doug Logan  
[doug.logan@axiamps.com.au](mailto:doug.logan@axiamps.com.au)

Melbourne Chapter  
VIC Chair – John Paterson  
[johnp@jdpa.com.au](mailto:johnp@jdpa.com.au)



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