

# Green Capital – Cost Vs Benefit

## Learning from Los Angeles

### How America's Car City is embracing Sustainability

By Mr Tan Szue Hann

The talk is a series of observations, postulations and questions arising from a trip to Los Angeles in October 2016, as part of a BCA-led learning journey in conjunction with the US Greenbuild 2016 conference.

Downtown Los Angeles has transformed itself from a car-heavy district with very little night life, to a lively arts district with bicycle sharing and street life. All police vehicles have also gone the electric car route. What has been put in place, within the short span of ten years, to turn a notoriously car-focused city into one that has become walkable, cyclable and somewhat more liveable one?

Also, visits to some sites of interest will be documented, including a summary of thoughts from the Greenbuild Conference itself. It concludes with a discussion on the role Architects would play in the continued 'greening' of Singapore, legislatively or otherwise.

## Growing a Green Future

### A discussion on urban farming in Singapore

By Ms Astee Lim

The talk explores the potential mechanisms needed to implement urban farming locally and how the general public can potentially play a part in shaping Singapore towards a more resilient city.

At present, Singapore imports over 90% of our food and uses less than 1% of land for agriculture. Although Singapore diversifies the source of food imports and engages in contract farming abroad, food security is a global issue and the risk in food safety associated with intensive production, long storage and long distribution channel remains. Hence, the need for domestic food production cannot be underestimated.

The discussion will be centred on current trends and development in local urban farming, potential models for public and private collaboration, and concludes with a discussion on the role Architects can play in contributing to our food security.

## Sustainability within Practice: Presenting Sustainability as a part of our Professional Services

By Mr Benjamin Henry Towell

This short presentation will give a "green overlay" to running a project from inception through to handover and completion. It demonstrates a way of structuring internal procedures and processes in project and office management that aids Architects in professionalising their domain expertise of sustainability. The presentation breaks down the project stages with reference to the SIA Conditions of Appointment and Architects Services and Mode of Payment 3rd Ed, and the RIBA Plan of Work 2013 and identifies key sustainability checkpoints at each stage. This process should be seen as a tool for Architects to engage clients, to collaborate with consultants, to manage the construction and handover of buildings that aspire to go beyond the regulatory compliance in a structured and professional manner.

## Sustainable Design for the Community: An EOC Approach

By Mr Kuan Chee Yung

Our ubiquitous Economy of Production, having had some success creating basic global functional needs, has also created 10% of people owning 90% of the wealth. Rapid automation is not only removing the middle men, but is also taking over humanity's ability to produce items of value by hand. Yet if we begin to master Systems, Strategy and Social Capital; using technology and vision towards deeper exploration of human needs beyond basic necessities towards purpose & happiness and tailoring focused crafts and passionate experiences; we begin to harness the true purpose of Humanity & Sustainable Design. Economies of Communion (EOC) is one of the many groundswell driven initiatives powering this new approach of Sharing & Caring Work. Designing with Persons, Communities and Places in mind becomes the architects contribution to this initiative.

## EVENT DETAILS

Date	: 12 May 2017, Friday
Time	: 2.00pm – 4.45pm (Registration will start from 1.30pm onwards with light refreshment)
Venue	: Singapore Institute of Architects SIA Theatre - Level 3 79B Neil Road (S) 088904
BOA-SIA CPD	: 3 CPD points
Seminar fees	: SIA Members (\$70.00), Non Members (\$140.00) (fees inclusive of GST)
Closing date	: 8 May 2017

## PROGRAMME SCHEDULE

1.30pm	Registration with Light Refreshment
2.00pm	Presentation by <b>Mr Tan Szue Hann</b> <b>"Learning from Los Angeles - How America's Car City is embracing Sustainability"</b>
2.30pm	Presentation by <b>Ms Astee Lim</b> <b>"Growing a Green Future - A discussion on urban farming in Singapore"</b>
3.00pm	Tea Break
3.15pm	Presentation by <b>Mr Benjamin Henry Towell</b> <b>"Sustainability within Practice: Presenting Sustainability as a part of our Professional Services"</b>
3.45pm	Presentation by <b>Mr Kuan Chee Yung</b> <b>"Sustainable Design for the Community: An EOC Approach"</b>
4.15pm	Q & A
4.45pm	End of event

For more information, please contact SIA (**Ms Jacey Tay**):

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Email: [cpd@sia.org.sg](mailto:cpd@sia.org.sg)



Organized by:

# Green Capital – Cost Vs Benefit



**Tan Szue Hann** is Singapore's 2015 BCA-SGBC Young Green Architect of the Year, and is Head of Sustainability and Principal Architect at Surbana Jurong, Singapore, where he leads the organisation's efforts in Sustainability across master plans, buildings and strategic pursuits. He is a Registered Architect, SIA Council Member, and Chairman of the SIA Sustainability Committee. His current work focuses on sustainable and smart buildings and cities, including the recently-completed BCA SkyLab as Architect, and in sustainability framework planning for developers in Singapore. He was also appointed a 2016 World Cities Summit Young Leader.



**Astee Lim** is a Senior Consultant at Surbana Jurong, focusing on sustainability in architectural design. She has previously worked with Arup Singapore and Sydney in a similar role where she developed her passion in sustainable design and environmental studies. Her current work involves design consultancy for a diverse range of projects, including Woodlands Integrated Healthcare Campus, Ang Mo Kio Cycling Network Design and the recently-completed BCA Skylab.



**Benjamin Henry Towell** MSc, M.Arch, MRICS, C.Env, GMM, GMP, BREEAM AP is a Senior Manager within the Building and Construction Authority in Singapore, currently enjoying his time in professional Architectural practice with VivATA Pte Ltd. He is best known in Singapore for his role in the development of Green Mark 2015 as well as some of his published pieces within the SA on such issues as urban form and density, alternative planning methodologies and critiques on environmental policies and practices. This advocacy approach coupled with a drive for developing standards has seen Benjamin work within the global community of Green Building professionals and councils including WorldGBC as the Chairman of the Green Building Rating Tools Taskforce, C40 Sustainable Urban Development Network, RICS board and of course the Singapore Institute of Architects Sustainability Committee. Given Benjamin is undergoing the PPE in Singapore his focus naturally is on the professional role of the Architect, Contract and Business administration and how the topic of sustainability can be reconciled with this.



**Kuan Chee Yung** is Senior Vice President ( Architecture) at CPG Consultants Pte Ltd. He has been SIA council member since 2012 to present and Co-Chairs the SIA Education Thrust. His Projects like Solaris@OneNorth has received BCIA SIA AWARDS 2015, LEAF Awards 2014 (Outstanding), SIA Architectural Design Awards 2011 (Honourable Mention), PAM Awards 2011 (Gold), Green Good Design Awards 2010, BCA Green Mark Awards 2010 (Platinum), SIA-NParks Skyrise Greenery Awards 2009, RIBA International Design Award 2012, CTBUH 2012. He has presented papers at the International IQPC Facade Conference 2011 & for the Malaysia Institute of Planners World Planning Day 2016.

# Application Form

## EVENT DETAIL

GST REG. NO.: M9-0001281-J  
G.N. No. 565 in Gazette No. 27

Seminar : Green Capital – Cost Vs Benefit  
Date : 12 May 2017, Friday [postponed from 24 March 2017]  
Time : 2.00PM – 4.45PM (Registration will start from 1.30pm onwards with light refreshment)  
Venue : Singapore Institute of Architects, SIA Theatre - Level 3 (79 Neil Road, Singapore 088904)  
BOA-SIA CPD : 3 CPD points  
Seminar fee : \$70.00 (SIA Members), \$140.00 (Non Members) – *fees inclusive of GST*  
Closing date : 8 May 2017

Please fax / email the completed registration form to Ms Jacey Tay:

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: [cpd@sia.org.sg](mailto:cpd@sia.org.sg)

[DES]

And follow up with cheque / cash / online payment to Singapore Institute of Architects.

Please tick your mode of payment:

### [ ] Cheque

Bank/Chq # : \_\_\_\_\_ Amt S\$: \_\_\_\_\_

Local Cheque (must be drawn in Singapore) should be crossed and made payable to "Singapore Institute of Architects".

Mail to SIA address:

Singapore Institute of Architects  
79B Neil Road, Singapore 088904

Please indicate your name, company/institution and course date/title on the back of the cheque.

### [ ] Cash

You can drop by SIA office to make cash payment between 9.30am – 5.30pm on weekdays.

### [ ] Online Payment

<http://members.sia.org.sg/payment/sia-20170512.html>

(It is mandatory to provide us with your Receipt ID # after your credit card payment transaction)

Receipt ID #: [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ]

## Participant's Detail

Organization: \_\_\_\_\_ Contact Person (if any): \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Receipt Mailing Address: \_\_\_\_\_

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	Full Name of Participant (as per NRIC/FIN, pls underline surname)	NRIC / FIN #	Email	Amt
1				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
2				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
3				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
4				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
5				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
				<b>Total:</b>

**\*\*Please take note that all the above fields are mandatory. Incomplete form will not be process.**

Cheque payment for this activity should not be combined with payment for other SIA events/courses.

Fees paid are non-refundable under all circumstances. Replacement of participant will be allowed only if written notification is made at least 3 days before the event.

Where a Non-Member replaces a Member (must be from the same Org.) the fee difference will have to be made good to SIA prior to the event.

Registration will be on a First-Come-First-Served basis and will be accepted upon receipt of registration form and payment to SIA. Registration by fax will only be confirmed upon receipt of payment.

Registration Confirmation No.:-

