

Annual  
Report 2016/17



# Contents

<b>Council 2016/17</b>	1
<b>Secretary Report</b>	4
<b>Design Thrust</b>	6
Archifest	9
Design Awards	15
Design Competition	20
Publications	21
Sustainability	22
University Liaison	26
<b>Practice Thrust</b>	27
Alternative Dispute Resolution	34
Building Contracts	35
Small and Medium Architecture Practice (SMAP)	36
Resource & Technology	39
Architect's Appointment	40
Regulations, Codes & Standards	42
Workplace Safety & Health	49
<b>Education Thrust</b>	50
Continuing Professional Development	52
<b>Institution Thrust</b>	58
Events	62
Membership	64
Corporate Social Responsibility	65
Partnership	66
Young Architecture League	67
Constitution Review	68
Pioneer Architects Archival	71
<b>Events and Activities</b>	72
<b>Auditors' Report</b>	83

# Council 2016/17

---

ONG TZE BOON  
President



SEAH CHEE HUANG  
1<sup>ST</sup> Vice President



PATRICK LEE  
Honorary Secretary



CHAN KOK WAY  
2<sup>nd</sup> Vice President



THEODORE CHAN  
Immediate  
Past President



RICHARD LAI  
Honorary Treasurer



# Council Members

---



DARREN BENGER



CHAN SENG KEE



CHEONG YEW KEE



WILLIAM LAU



RICHARD HO



WO MEI LAN



LEONG TATT MAN



OLIVIA TANG



KUAN CHEE YUNG



LIM CHOON KEANG



LIM PIN JIE



CATHERINE LOKE



SLOW ZHI XIANG



TAN SZUE HANN



LUTHER SEET



WU YEN YEN

THE INSTITUTE'S MISSION IS  
"TO CHAMPION EXCELLENCE  
IN ARCHITECTURE AND THE  
BUILT ENVIRONMENT" AND  
OUR VISION IS TO SEE  
"SINGAPORE AS AN  
ARCHITECTURE CAPITAL".

# Secretary's Report

---



Patrick Lee  
Honorary Secretary

This report provides a summary on salient features of some of the activities and events, detail of which are elaborated in the individual committee reports. As in previous years, I am glad to report that 2016 was yet another eventful year for the Institute.

## DESIGN

In line with the objectives to generate greater awareness in architecture and to champion excellence in architecture, Design Thrust celebrated the 10<sup>th</sup> Archifest with a gigantic pavilion by DP Architects at Raffles Place and honoured the good works by members at the 16<sup>th</sup> SIA Architectural Design Awards.

## PRACTICE

### Developing The Profession

Practice Thrust saw the launch of the SIA New Form of Building Contracts in 2016 and continue to focus its resources in the development of Practice Management System (PMS) and the redevelopment of Redevelopment of National Productivity And Quality Specification (iNPOS).

## EDUCATION

Continuing Professional Development (CPD) Programme is the cornerstone of SIA efforts to help architects in their continuing professional development through educational courses, seminars, talks and other events. There were 330 courses, seminars, talks, etc organised with a total of 1201 CPD points, of which 56 seminars with 214 CPD points were organised by SIA.

We are honoured and appreciative that DPM Tharman Shanmugaratnam, Minister Lim Swee Say and Mr Liak Teng Lit were the speakers for the SIA Inspirational Talk 2016.

## **Institutional**

### **A Spirit of Community, and a Sense of Belonging, in these Challenging Times**

Institution Thrust is pleased to roll out the Membership online instalment platform, which is web-enabled and will serve as an incentive to the applicants for the payment of membership subscription fees. Other initiatives include the collaboration with National Library Board and National University of Singapore to archive the works by Pioneer Architects and actively approaching non-profit and charitable organisations for possible collaboration on CSR projects.

The Young Architects League (YAL), the Institute's channel for the Student and Associate (youth) members, had also been actively engaging the members through a slew of events such Members' Night and Open Studios. Members can look forward to more interesting events in next Council Year.

## **THANK YOU**

SIA Council would like to thank all members, advisors, government officials, and industry partners for their strong support and contribution for a better built environment and for a better tomorrow. We also wish to express our appreciation to the staff of the secretariat for their unfailing support to Council and the committees.

*Patrick Lee*

*Honorary Secretary* 56<sup>th</sup> Council 2016/17  
Singapore Institute of Architects

# Design Thrust

---



Prof. Richard KF Ho  
Chairperson  
Design Thrust

In championing excellence in architecture and generating greater awareness together with appreciation of good architecture, the Design Thrust delivered the following programmes in the last Council Year:

## **Generating the Public's Greater Awareness of Architecture**

### **Archifest 2016**

Archifest - our annual architecture festival - returned from 23 September to 9 October 2016 with a pavilion designed with 'Exhale' as its theme. The 2016 festival pavilion, designed by DP Architects, is arguably the largest art installation ever in Singapore! More than 128,000 visitors visited or took part in our Archifest programmes.

## **Championing Excellence in Architecture**

The Committees worked with industry partners and promoters to accomplish the following programmes:

- **16<sup>th</sup> SIA Architectural Design Awards 2016**

The annual award by the Institute in recognising Member's works in six building categories. The awards were presented at the Conrad Centennial Singapore on 29 September.

- **2<sup>nd</sup> SIA-Uniseal G-Architect Award 2016**

2016 marks the 2<sup>nd</sup> cycle for this Award. Sponsored by Uniseal Singapore Pte Ltd & Uniseal Creative Solutions Pte Ltd, this biennial award is given to a Green Architect for his contribution to sustainable architecture. Dr Ken Yeang is the 2016 Laureate for this award.

- **6<sup>th</sup> SIA-Getz Architecture Prize**

Sponsored by Getz Bros. & Co. (S) Pte Ltd, this prestigious Prize honours an Asian Architect who is contributing to emergent ideas and discourse in architecture, providing creative innovations to enrich the built environment and making an impact in Asia and beyond. A special presentation ceremony was held at The Star Performing Arts Centre on 11 November.



- **St. John's Home For Elderly Persons Design Competition**

Together with SIA, the St John's Home organised a two-stage design competition for the new premises to care for the residents in the best possible way, supported by well-thought-out design - a place for happy residents, a good work environment for the staff and for volunteers to visit and support the programmes of the home. The competition was launched on 7th April and was well received with 52 entries. The winning scheme was from Aamer Architects.

- **The Singapore Architect**

The Institute's publication, completely revamped since the Council year 2015-2016, sees enthusiastic response from members and the reading public. The quarterly publication is in its sixth edition with each focussing on an architectural theme that not only showcases our members' works, but encouraging discourse in architecture too. The four issues released during this Council Year have "Colour" (TSA03), "Eco" (TSA04), "Skin" (TSA05) and "Genesis" (TSA06) as their themes.

I would like to thank all the committee members, resource persons and volunteers who worked tirelessly in all the committees within the Design Thrust to make this Council year a memorable one. Without your contribution, we would not have achieved so much.

*Prof Richard KF Ho*

**Chairperson**, Design Thrust

Council Member, SIA Council 2016-2017

---

## 1. ARCHIFEST

[archifest@sia.org.sg](mailto:archifest@sia.org.sg)

Chair:

Richard KF Ho

Festival Directors:

Chio Wen Tian

Lee Zhi Jie

Srisaravanan Subramaniam

Muhammad Yazid Bin Ninsalam

Representative from DesignSingapore Council: Ms

Yeo Piah Choo

Representative from Singapore Institute of Landscape

Architects (SILA):

Damian Tang & Yazid Ninsalam

Members:

Aaron Choo

Vikas Bhatt Kailankaje

Theodore Goh

Dawn Lim

Valerie Ong

Michaela Prescott

Teo Zi Tong

Fiona Tan

## Architours Committee

Christopher Cheng

Jonathan Christian Chin

Alex Chua

Josie How

Charlene Kuhn

Lin Derong

Gabriel Ng

Poh Weibing

Seow Yeong Chuan

Bob Teo

Steven Tjokrokentjono

Wu Yu Chen, Jack

---

## 2. DESIGN AWARDS

[ada@sia.org.sg](mailto:ada@sia.org.sg)

Chair:

Teo Yee Chin

Members:

Lee Kay Lian

Wu Yen Yen

### **3. DESIGN COMPETITION**

[design\\_competition@sia.org.sg](mailto:design_competition@sia.org.sg)

Chairs:  
Ashvinkumar  
Alan Tay  
Chan Mun Kit

### **4. PUBLICATIONS**

[publications@sia.org.sg](mailto:publications@sia.org.sg)

Chairs:  
Fong Hoo Cheong  
Chang Jiat Hwee

Members:  
Richard Ho  
Teo Yee Chin  
Tan Szue Hann  
Hans Brouwer

### **5. DESIGN S**

[sda@sia.org.sg](mailto:sda@sia.org.sg)

Chairs:  
Ashvinkumar

### **6. SUSTAINABILITY**

[green@sia.org.sg](mailto:green@sia.org.sg)

Chairs:  
Tan Szue Hann

Advisor: Kuan Chee Yung

Members:  
Astee Lim  
Sonny Chionh  
Benjamin Towell  
Chang Yen Lin  
To Kien

### **7. UNIVERSITY LIAISON**

[uniliasion@sia.org.sg](mailto:uniliasion@sia.org.sg)

Chairs:  
Chio Wen Tian  
Lee Zhi Jie  
Srisaravanan Subramaniam

Advisor: Richard KF Ho

## **REPRESENTATION IN EXTERNAL BODIES**

**Singapore Green Building Council**  
Tan Szue Hann

**URA Conservation Advisory Panel**  
Theodore Chan

# Archifest



**Archifest**, our Institute's annual festival to cultivate awareness of good architecture and the built environment, celebrated its **10<sup>th</sup> anniversary** in 2016. The festival was held from **23 September to 9 October 2016**, with the theme "**Exhale**".

Inspired by the SG50 festivities, Archifest 2015 took on the theme of "What Future?". It was curated to encourage the public's reflection on the progress we have made thus far, and to imagine the future for our city. The common perception seems to point towards an inevitable correlation between the density of a city and the pace of life. Yet, the swift daily city life may not be suitable for every one of us. Even for those who enjoy and thrive under these conditions, there will be moments when one feels breathless, leading the committee to embark on the theme '**Exhale**' in Archifest 2016.

'**Exhale**' examines the rapid pace of life that is often associated with a dense city.

'**Exhale**' questions the city's ability to accommodate people who are searching for a different tempo.

'**Exhale**' challenges the inhabitants of the city to dictate their own rhythm of life.

## HIGHLIGHTS

### 1. Archifest Pavilion Design Competition and Festival Hub

This year marks the return of the Archifest Pavilion, which is envisioned to be the physical manifestation of the Archifest's spirit this year - Exhale. It is imagined to be a temporary, outdoor recreational venue which reinvents our experience of a public space in Singapore, providing a comfortable, unique and multi-sensorial experience of the city to be enjoyed by everyone. The competition attracted 25 entries this year.

Jury Panel:

**Prof Richard Ho**

Design Thrust Chairperson, SIA

**Mr Fong Hoo Cheong**

2014 Archifest Pavilion Design Competition Co-Winner, HCF & Associates

**Mr Ronnie Tan**

President, Singapore Institute of Landscape Architects

**Mr Damian Tang**

Asia-Pacific Region President, International Federation of Landscape Architects

The head-turning, technicolor urban sculpture Archifest Pavilion was a physical manifestation of the theme 'Exhale'. The winning design for the 2016 Pavilion Design Competition was won by a team from **DP Architects** - the festival village was designed to inspire visitors to rethink architecture and engage in conversations about our urban environment. About **70 events** were held at the Pavilion, attracting over **128,000 visitors** over **17 days**.

The zero-waste pavilion was composed entirely of construction site materials - safety netting suspended on a frame of steel scaffolding. The Selfie-Tunnel, standing at 22m in height, offered a relaxing area for visitors to 'exhale' and admire the structure, while the 13m-height event hall housed events and exhibitions.

## 2. Architours

One of the most popular event of Archifest since its inception in 2007, this year's Architours featured sell-out tours to various sites of good architecture and urban design.

The Architecture Society, NUS was appointed as the curators for Architours 2016. A Total of 410 participants attend these 10 tours, covering 30 sites over 3 weekends this year. Architours 2016 also conducted a media tour, covering 3 sites in 1 day in August. The docents were volunteers from NUS, SUTD, SP and TP.

### Festival Partner:

The Architecture Society, NUS (TAS)

### Festival Partner:

The Architecture Society, NUS (TAS)

## 3. Archifest Conversations

Architects, designers, artists and special guests share their creative insights on the following themes:

**SpaceCharacter:** focused on the role of people and communities in the creation of urban spaces

**SpaceEvent:** focused on the temporality of spaces and their occupation.

## 4. City-Studio

City-Studio brings the conversations out of the design studio to the public to share their greater insight into the creative process and demonstrate how thoughtful design can address pertinent, everyday issues.

### Festival Partner:

NUS & SUTD

## 5. #Fliptable

A pop-up interactive event that invited visitors to vent workplace frustrations and stress, and start conversations around how we can harness this negative energy in a more positive and creative form.

**Festival Partner:** Chemistry

## 6. A Collaborative Design Challenge: Consumer, Practitioner, and Learner

Four teams of TP Students and industry collaborators assembled in situ, a functional installation by using recycling materials in a 30 minutes challenge, through collaborative problem solving.

### Festival Partner:

Temasek Polytechnic,  
Diploma in Interior Architecture and Design

## 7. ArKIDecture Children Workshop

The parent-children workshops were held on Oct 7<sup>th</sup> and 8<sup>th</sup> in celebration of Children's Day.

### Festival Partner:

ArKIDecture BEEP

## 8. Bike to the Future

Imagining an alternative future for the streets of Singapore allowed an immersive 360-degree experience to draw visitors into the active streets of the future and provided first-hand insights on the impact of street design on commuting experience.

### Festival Partner:

Future Cities Laboratories (FCL)

## 9. Books & Beer

A travelling book swap of architecture and books of all genres - an event conjured out of friendship and fun, a love for books and drinks, and to raise awareness about sharing and recycling.

**Festival Partner:** Books & Beer

## **10. Conservation Conversations:**

### **Dakota Crescent**

Conservation Conversation sets the stage for fresh dialogue on these fundamental issues of conservation and resettlement in Dakota Crescent, and perhaps for the rest of Singapore.

#### **Festival Partner:**

Dakota Adventures and Save Dakota Crescent, in collaboration with Diploma in Environment Design, Temasek Polytechnic

## **11 Elevate**

Elevate offers a temporal escape for a journey to the deep within, through binaural beats, ambient sounds, soundscapes in virtual reality.

#### **Festival Partner:** Indigoism

## **12. How to (re-)design Singapore's streets for active mobility?**

A lively lunchtime chat on street redesign and active mobility, with moderator Prof Dr Steven Cairns, panelists Prof Der-Horng, Chris Tan, Schirin Taraz and Francis Chu.

#### **Festival Partner:**

Future Cities Laboratory (FCL)

## **13. How to Take Kicka\*\* Architectural Photos on Instagram**

A crash course on taking great architectural photos on Instagram with Instagram guru Yafuq Yusman.

## **14. Hush@Archifest by Hush TeaBar**

Visitors learn sign language from the deaf, as a way to 'exhale' and reflect.

#### **Festival Partner:** Hush TeaBar

## **15. SG FARM**

A pop up farm in front of the Archifest Pavilion engaged visitors on how may we envision what it means to farm in the city/ city farming? What opportunities do this present for plugging gaps in our local food system, in terms of rejuvenating the community and our city spaces?

#### **Festival Partner:** Tanah

## **16. SG FARM Events**

A series of city farming events including: Community Gardening, The Big Lunchtime Edible Giveout, Daily Harvests, Apartment Composting Made Easy, Garden Rescue, Eating at Eye/ 'I' Level – Imagining Future (Urban) Farms.

#### **Festival Partner:** Tanah

## **17. SILA Student Design Awards Night**

The launch of LA Future and presentation of awards for SILA Student Design Awards. Event graced by Mr Chan Chun Sing, Secretary General of NTUC.

## **18. The Transforming Power of Light**

A talk that discusses how one can use the power of light to transform spaces.

#### **Festival Partner:**

International Association of Lighting Designers (IALD)

## **19. This Photogenic Artefact:**

A colourful talk on designing our spatial experiences. The talk discusses role of colours in designing our surrounding environment and experiences, using the Archifest Pavilion as a basis of discussion.

#### **Festival Partner:** Illuminate Lighting Design

## **20. Exhibition: 2x2x2**

A call for entries was conducted, for creative works to be made within a 2x2x2m space, based on the theme 'exhale'. Three works were selected for exhibition – The Float House, Cheer Me Up, Diffracted Impressions.

## **21. Exhibitions**

Five exhibitions was held over the course of Archifest, including SIA Architectural Design Awards 2016, Singapore Landscape Architecture Awards 2015, SILA Student Design Awards 2016, Building a Future-Ready Home For the Aged Architectural Design Competition and 2<sup>nd</sup> SIA-Uniseal G-Architect Award 2016.

## **22. Temporary Spaces in Community Spaces**

A pre-festival collaboration event with library@orchard, the talk introduced the Archifest Pavilion to the public for the first time, with Ms. Ang Guo Zi from DP Architects sharing the design process, and Ms Koh Hui Ling, Artistic Director of

Drama Box touching on community events organised by Drama Box.

### 23. SIA Conference

SIA Conference, formerly known as Archifest Conference, with the theme **slowCITY**, held in conjunction with ArchXpo 2016 @MBS.

#### Conference Speakers:

- Martin Duplantier, Martin Duplantier Architectes
- Stanley Lung, Turenscape
- Michael Koh, Centre for Liveable Cities
- Bjorn Low, Edible Garden City
- Ling Hao, Linghao Architects
- Guiseppe Roma, Cittaslow International
- Felipe Correa, Somatic Collaborative

### 24. SIA Design Awards Presentation Dinner 2016

This Awards Presentation dinner is a key event for SIA as the Institute acknowledges the architectural excellence achieved by the winners of these awards:

The 16th SIA Architectural Design Awards, the 2nd SIA-Uniseal G-Architect Award and the 3rd UP Awards (presented to the ArchXpo exhibitors who show the most flair and innovation in their booth design).

### 25. Construe & Construct 5

Guest Lecture and Exhibition Series 2016/2017, held at the National University of Singapore School of Design and the Environment. The fifth in this lecture and exhibition series; it showcased the architectural works of four young practices from the equatorial belt of Asia:

- Atelier Riri: Indonesia
- Whbc Architects: Malaysia
- Red Bean Architects: Singapore
- Vin Varavarn Architects: Thailand

#### Festival Partner:

National University of Singapore, School of Design and the Environment

### 26. WHY ARCHITECT? Forum

A Forum discussing the role of Architects in home building held at the Library@Orchard.

#### Forum Panellists:

- Ms Catherine Loke – SIA Council Member
- Mr Gabriel Kon – SMAP Committee Member

- Mr Gilbert Kuek – Project Manager, ORTUS ASIA Consulting Pte Ltd
- Mr Bernard Ng – SMAP Committee Member
- Mr Peter Lai – Builder, Berjaya Buildcon Pte Ltd

**Moderator:** Ms Wu Yen Yen – SIA Council Member

**Festival Partner:** SIA's Small and Medium Architectural Practices Committee (SMAP)

### 27. Hush. Gives Time

In line with the festival theme, this event allows attendees to exhale and find time with the full Hush Experience for tea, peace and empathy with the Hush Abundance Tea Ritual. Part of Hush TeaBar's bimonthly Rush to Hush public series.

#### Festival Partner:

Hush TeaBar, held at Veg Café (Circular Road)

### 28. Dream Storeys: Creative Writing Inspired by Architecture

Attendees learned how architectural concepts and creative writing can intertwine. Conducted by writer and former Straits Times journalist Clara Chow, Dream Storeys – based on the methodology of her upcoming collection of short stories of the same name – is a chance to practise combining interview skills with the art of fiction.

#### Festival Partner:

Clara Chow x Ethos Books, with Wu Yen Yen (Council Member, SIA) as guest.

### 29. The Affective Workspace

As a satellite exhibition from pop up event #FlipTable held at Archifest Pavilion, The Affective Workspace exhibition featured a series of reflections and probes into the topic of emotions in and around the workspace environment. It brought together various design explorations, prototypes and products developed and presented by multi-disciplinary experience design studio, Chemistry.

A talk was held on 20 Sep, the opening night of the exhibition, when Chemistry's Managing Director Bassam Jabry, discussed the future of workspace design.

#### Festival Partner:

Chemistry, held at Artistry Gallery & Café (Jalan Pinang)

### 30. ArchXpo 2016

The 3rd edition of ArchXpo 2016 is the key showcase of relevant technologies, products, and related services in the architecture and built environment industries.

**Co-organised by** SIA and Conference & Exhibition Management Services Pte Ltd.

### 31. TRANSFORM: SUTD Architecture and Sustainable Design Graduation Show

An exhibition by graduating students of SUTD's Architecture & Sustainable Design Programme, from 3-15 October 2016.

#### **Festival Partner:**

By Singapore University of Technology and Design (SUTD), held at National Design Centre

### 32. A Vision for The Sensual City

The exhibition "A Vision for the Sensual City" showcases some of the most notable works and research projects of Jacques Ferrier Architecture. In specially designed boxes, the exhibition shows the studio most recent projects through books, models and drawings including the future stations of the Grand Paris Express, the Lycée Français International Charles de Gaulle in Beijing and the France Pavilion of the Shanghai Expo 2010.

#### **Festival Partner:**

By Jacques Ferrier Architecture (France), held at URA City Gallery, from 4-28 Oct 2016.

### 33. #colorarchifest

A colouring contest was held this year for the most LIKE-ed coloured Archifest Festival Guide or Paper Fan. As there was no clear winner for this competition, the organising committee decided to donate the cash prize of S\$500 to Club Rainbow.

## THANK YOU

SIA would like to thank the following agencies, organisations and firms for their generous support for the festival:

#### **Main Partners:**

- DesignSingapore Council
- National Parks Board
- Conference and Exhibition Management Services Pte Ltd
- Singapore Institute of Landscape Architects

#### **Sponsors:**

- DP Architects Pte Ltd
- XTRA Designs Pte Ltd

#### **Architours**

##### **Partners:**

- School of Design & the Environment, NUS
- The Architecture Society, NUS

##### **Goodie Bag Sponsor:**

- XTRA Designs Pte Ltd

##### **City Studio Partners:**

- National University of Singapore
- Singapore University of Technology & Design

##### **Pavilion Partners:**

- DP Architects Pte Ltd
- DP Green
- Shanghai Chong Kee Furniture & Construction Pte Ltd
- Keon Consult

##### **Official Media**

- The Singapore Architect

##### **Festival Partners**

- Chemistry
- Curators for 2x2x2 Exhibitions (The Float House, Cheer Me Up, Diffracted Impressions)
- TANAH
- Uniseal
- Jaquar
- Singapore Institute of Landscape Architects (SILA)
- INDIGOISM ELEVATE
- Books & Beers
- Albert Lim
- Illuminate Lighting Design
- Hush TeaBar
- International Association of Lighting Designers (IALD)
- National Library Board
- National University of Singapore (NUS)
- Temasek Polytechnic (TP)
- Yafiq Yusman
- Singapore University of Technology and Design (SUTD)
- Winetobe.com
- Jacques Ferrier Architecture
- Future Cities Laboratory (FCL)
- St John's Home for Elderly Persons
- ArKIDecture BEEP
- Dakota Adventures
- Save Dakota Crescent
- Clara Chow x Ethos Books

- Briefs & INDIGOISM

**Graphic Design Partner:**

- Octopus Ink

**Festival Manager:**

- Rubix Cube Communications



# Design Awards

The Design Awards Committee develops and refines the framework for awards organised by the Institute which include defining the categories, judging criteria, judging process, and related exhibitions etc.

## 16<sup>TH</sup> SIA ARCHITECTURAL DESIGN AWARDS



This award series honours SIA members' achievement in their pursuit of architectural excellence and motivates architects to push the boundaries with innovative solutions.

The judging criteria of the SIA Architectural Design Awards are:

- originality and innovation,
- sensitivity to context,
- sustainability,
- response to climate,
- response to users' needs and
- elegance of construction and detail.

The 16<sup>th</sup> cycle was judged by a panel of industry professionals comprising

Jury Members		Designation	Organisations / Firms
1.	Prof Richard KF Ho	Council Member and Design Thrust Chairman / Principal Architect	Singapore Institute of Architects / RichardHO Architects
2.	Prof Jeffrey Huang	Head of Pillar (Architecture and Sustainable Design)	Singapore University of Technology and Design
3.	Mr Siew Man Kok	Chairman / Director	MKPL Architects Pte Ltd
4.	Associate Prof Wong Yunn Chii	Head of Department of Architecture	National University of Singapore
5.	Mr Rocco Yim	Executive Director	Rocco Design Architects Limited

### Moderator

Mr Teo Yee Chin (Chair, SIA Awards Committee / Red Bean Architects)

A total of **13 Design Awards, 14 Honourable Mentions, 1 “Best Project Constructed under \$2 Million”** and **1 “Building Of The Year”**.

**Building of the Year**

Open House, Formwerkz Architects LLP

**Best Project Constructed under \$2 Million**

Goodlife! Makan, DP Architects Pte Ltd

**Category: Residential Projects**

Design Award

HANA, Kerry Hill Architects Pte Ltd  
House 24, Park + Associates Pte Ltd  
Ramp House, Formwerkz Architects LLP  
House off Cluny, RT+Q Architects Pte Ltd  
Open House, Formwerkz Architects LLP  
SkyVille @ Dawson, WOHA Architects Pte. Ltd.

Honourable Mention

Goodwood Residence, WOHA Architects Pte. Ltd.  
House X, Red Bean Architects  
Secret Garden House, Wallflower Architecture + Design  
Faber-House, ONG&ONG Pte Ltd  
BT-House, ONG&ONG Pte Ltd

**Category: Commercial Projects**

Design Award

PARKROYAL On Pickering, WOHA Architects Pte. Ltd.

Honourable Mention

The Lalu Qingdao, Kerry Hill Architects Pte Ltd

**Category: Institutional Projects**

Design Award

Upgrading Of Nanyang Primary School, LT&T AVID Architects Pte Ltd

Honourable Mention

Lee Kong Chian Natural History Museum, W Architects Pte Ltd  
Agape Village, LAUD Architects Pte Ltd  
City Of Perth Library, Kerry Hill Architects Pte Ltd

**Category: Industrial, Transport & Infrastructure Projects**

Honourable Mention

Philips APAC Center, LAUD Architects Pte Ltd

**Category: Special Categories**

Design Award

Goodlife! Makan, DP Architects Pte Ltd  
Enabling Village, WOHA Architects Pte. Ltd.  
A&A And Conservation Work To Church Of Sts. Peter & Paul, RDC Architects Pte Ltd

Honourable Mention

23 Niven Road Studio, WOW Architects Pte Ltd  
Space Asia Hub, WOHA Architects Pte. Ltd.  
SPCA Animal Shelter And Office Facility, RichardHO Architects

**Category: Interior Architecture Projects**

Design Award

Aman Tokyo, Kerry Hill Architects Pte Ltd  
Philips APAC Center, LAUD Architects Pte Ltd

Honourable Mention

City Of Perth Library, Kerry Hill Architects Pte Ltd

**The Institute is grateful to Jaquar & Company Pvt Ltd for sponsoring the Building of the Year Award.**

## SIA DESIGN AWARDS PRESENTATION DINNER



The Presentation Dinner was held at the Conrad Centennial Singapore on 29 September evening, honouring exceptional work and talent within our architecture fraternity, honouring:

- Twenty-nine (29) recipients for SIA Architectural Design Awards,
- one for the SIA-Getz G-Architect Award, and
- three winners for the UP Awards

## 6<sup>TH</sup> SIA-GETZ ARCHITECTURE PRIZE 2016



The **SIA-Getz Architecture Prize for Emergent Architecture in Asia** was launched in 2005 by the Institute and Getz Bros and Co. It is an architectural Prize that is given out biennially and has drawn entries from more than 10 countries in Asia. The Prize comprise a cash prize of USD20,000, a specially designed medallion and a monograph on the laureate's body of works.

An International Jury Panel comprising renowned architects from Asia and Australia has selected an award-winning architect from Vietnam – **Mr Hoang Thuc Hao** (1+1>2 International Architecture J.S.C) as the **Laureate for the SIA-Getz Architecture Prize for Emergent Architecture in Asia 2016**. Mr Hoang, the sixth recipient of the prestigious Award, and received his Prize Medallion from Ms Grace Fu, Minister for Culture, Community & Youth, at an Award Presentation Ceremony at The Star Performing Arts Centre on 11 November 2016.

The Jury Panel selected Mr Hoang Thuc Hao as the Laureate for 2016 for his distinct architectural philosophy and the significance of his works. The Jury found Mr Hoang's cultural sustainability philosophy impressive.

### Jury Panel:

- Prof Richard Ho, Design Thrust Chairperson of Singapore Institute of Architects (Chairperson of the Jury Panel)
- His Excellency Mochamad Ridwan Kamil, Mayor of Bandung, Indonesia
- Mr Tony Grist, Principal and Head of Architecture, HASSELL
- Ar. Sathirut Nui Tandanand, President of ARCASIA
- Ms Sonali and Mr Manit Rastogi, 2014 Laureates of SIA-Getz Architecture Prize
- Mr Rocco Yim, Executive Director of Rocco Design Architects Limited

**Moderator:** Mr Teo Yee Chin (Chairperson for Design Awards Committee / Red Bean Architects)

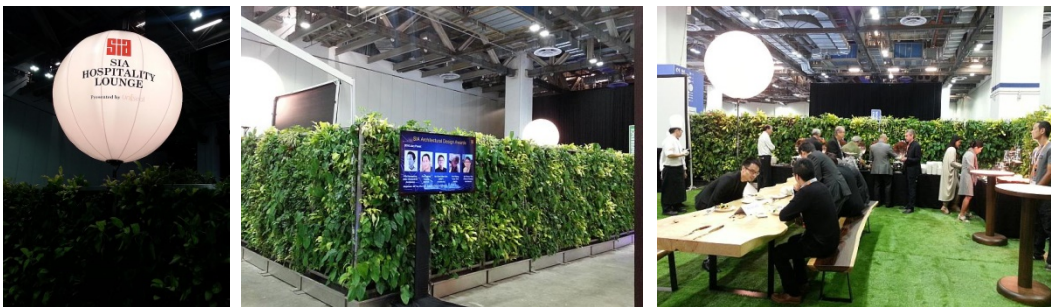
The 6<sup>th</sup> cycle of the Architecture Prize attracted 17 entries from the region.

**Laureates of SIA-Getz Architecture Prize**

- 2006: Mr Chan Soo Khian, SCDA Architects (Singapore)
- 2008: Dr Hitoshi Abe, UCLA Department of Architecture & Urban Design / Atelier Hitoshi Abe (Japan)
- 2010: Mr Wong Mun Summ & Mr Richard Hassell, WOHA Architects (Singapore)
- 2012: Prof Jimmy Lim, Jimmy Lim Design (Malaysia)
- 2014: Ms Sonali Rastogi and Mr Mani Rastogi, Morphogenesis (India)
- 2016: Mr Hoang Thuc Hao, 1+1>2 International Architecture (Vietnam)

**Special thanks to Getz Bros Pte Ltd for sponsoring this Architecture Prize.**

**SIA HOSPITALITY LOUNGE AND DESIGN AWARDS SHOWCASE**



The SIA Hospitality Lounge showcased the winning projects of the SIA Architectural Design Awards 2016 during ArchXpo2016 at Marina Bay Sands. The SIA Lounge was also a networking hub for members, conference delegates and visitors to ArchXpo, as well as serving as an event space for press interviews and small scale sharing sessions.

We would like to thank the following partners for their support in the setup of the SIA Hospitality Lounge:

- Main Sponsor: Uniseal Singapore**
- Partner: Conference and Exhibition Management Services (CEMS)**
- Furniture Sponsor: Lava East**

**WINNING PHILOSOPHIES AND CONCEPT SEMINAR SERIES 2015/2016**



The 5 lectures featured the sharing of the design philosophies and concept by the winning designs of the 15<sup>th</sup> SIA Architectural Design Awards.

**Session 1: Communal Living Reimagined**

Date: 27 Jan 2016

Featured Projects: SkyTerrace@Dawson (SCDA Architects), Ardmore Three (Architects 61),

Attendance: 58

**Session 2: 3 Houses – Narrative & Domesticity**

Date: 24 Feb 2016

Featured Projects: House with Bridges (RT+Q), Gallop House (Formwerkz Architects), The Greja House (Park + Associates)

Attendance: 73

**Session 3: New Approaches to Small Projects**

Date: 30 Mar 2016

Featured Projects: House at Neil Road (ONG&ONG), riceLAB (studiogoto), DECK (LAUD Architects)

Attendance: 51

**Session 4: From Many to One - Additive Form in Recent Institutional Architecture**

Date: 27 Apr 2016

Featured Projects: Al Islah Mosque (Formwerkz Architects), Indian Heritage Centre (Robert Greg Shand Architects)

Attendance: 38

**Session 5: Monumentality and Modernity**

Date: 18 May 2016

Featured Projects: National Gallery Singapore (studioMilou Singapore), Victoria Theatre & Victoria Concert Hall (W Architects)

Attendance: 68

# Design Competition

---

## ST. JOHN'S HOME FOR ELDERLY PERSONS DESIGN COMPETITION



Over the years, SIA has been actively supporting the Corporate Social Responsibility (CSR) initiative through fund raising or organising design competition. The latest SIA CSR's initiative was to help the St John's Home for Elderly Persons in organising a design competition for its Future-Ready Home for the Aged. The design competition was completed in July 2016. Aamer Architects' submission was selected as the winning scheme for this design competition.

As this is a CSR effort, SIA donated the entire fee levied in organising the design competition back to St John's Home. A cheque presentation ceremony was held at St John's Home for Elderly Persons on 9 November 2016 which was officiated by SIA President Mr Ong Tze Boon and Chairman of St John's Home for Elderly Persons Mr Woon Wee Yim.

### Past Design Competitions organised by SIA since 1990s

- 1997: Maybank Headquarter Redevelopment
- 1997: The Board of Commissioners Currency of Singapore Headquarters
- 1999: Marina Line Stadium and Museum Stations
- 2000: SMU
- 2005: The NUS Alumni Complex
- 2007: scape\* Youth Complex
- 2008: Tampines Town Council - Neighbourhood Renewal Programme
- 2010: A&A for the Al-Ansar Mosque
- 2011: Indian Heritage Centre (IHC)
- 2011: Punggol Mosque (Al Islah Mosque)
- 2012: OUE Artling ArchiPavilion
- 2012: Bukit Panjang Hawker Centre (BPHC)
- 2013: Wisma Geylang Serai (WGS)
- 2016: St John's Home For Elderly Persons

# Publications

---



## THE SINGAPORE ARCHITECT (TSA) MAGAZINE

*"Tradition is a matter of much wider significance. It cannot be inherited, and if you want it you must obtain it by great labour..."* – T.S. Eliot, Tradition and Individual Talent

In his essay "Tradition and Individual Talent", T.S. Eliot outlines a way of looking at the conundrum of the "new" in the context of "tradition." When we embarked on the change from SA to The Singapore Architect (TSA) we were deeply aware of the need to bring about a new examination of tradition and especially what we have become accustomed to in print. This is not a facetious act of disjuncture but an act of reaching into the core of what an Architect is, in order to make a tradition in an *Institute's* printed journal. This remarking is a natural extension of the continuing maturation of a profession. As our confidence grows in making architecture at home and abroad, we must examine the essence of our talent and know exactly what our foundation is. Perhaps in this way the very title of this new series will become clear. What is *The Singapore Architect*?

The technique is a twinned reflection on the representation of the intrinsic skills of the architect as a way of self-discovery as well as continuing discourses on Singapore as our principal context. Eschewing the lay methods, we use a very architectural way of discussing our works and use an architectural lens through which we see issues. This will allow the public at large to gain deeper insights into the structure of our genius. This is especially pertinent and even urgent at this moment when there is no other space in Singapore for architectural discourse, criticism, and debate. For too long, under the influence of lifestyle magazines, the public assumes that architecture is about frivolous styling and the fickle trends of fashion; the public thinks that architectural discourse entails no more than sales pitch and promotional reportage.

## CAPABILITY PROFILES

From its 2007 inaugural edition, this publication has grown to become the de facto directory resource to various local agencies, developers and other allied organisations within the building industry. It provides a platform for firms seeking suitable working partners. In this economic slowdown, which includes the contraction in construction demand and hence projects in Singapore, many members are affected. Consequently, many have looked abroad to expand their business. This Capability Profile becomes a good tool to promote member firms to regional clients. This publication is helpful in identifying desired experiences and skills with the corresponding practices.

As member firms continue to support and participate in this Capability Profile, the publication will come to reflect Singapore Architecture for a global audience. Together it flies the Singapore Architecture flag high.

The SIA would like to thank all members for their participation and wonderful support, as well as their cooperation and understanding in the production of the Capability Profile.

# Sustainability

---

Throughout the 2016-17 Council Year, the SIA Sustainability Committee endeavours to promote a culture of green and integrated design for the Architect in Singapore. Led by Tan Szue Hann and Astee Lim, and advised by Kuan Chee Yung, the vision for the SIA Sustainability Committee this Council year is three-prong:

1. Building up a community of sustainability-focused Architects
2. Sustainability as a crucial lynchpin of excellence in the built environment
3. Relevance in Practice, Design and Education, through Outreach

The vision would be guided by programmes organised in the following pillars:

- SiD – Sustainability in Design
- SiP – Sustainability in Practice
- SiE – Sustainability in Education
- SiC – Sustainability in Climate Change



**= sustainability committee**

The following sections describe the nature and goals of these pillars, and the programmes conducted thereof, in the past year.

## SiD – Sustainability in Design

The first pillar, SiD (Sustainability in Design), focuses on the role of architectural planning and design in creating sustainable environments, through programmes such as outreach talks, awards, competitions and design-focused exhibitions.

### 2<sup>nd</sup> SIA-Uniseal G-Architect Award

The SIA-Uniseal G-Architect Award is a biennial award that honours an Asian architect who, through his/her body of as-built and/or theoretical projects of varied scalability, advances and advocates the theory and design practice of sustainable architecture.

The G-Architect's designs display integration between natural and man-made systems, and between craft and technology. In addition, his/her designs celebrate sustainable architecture and environmental performance.

The main evaluation criteria are as follows:

- Possesses a broad and deep body of sustainable built works that advance sustainable architecture.
- Has contributed a significant pool of knowledge that advocates practice and eco-literacy of sustainability



- Have attained a wide recognition amongst the nominee's fraternity.

The jury panel comprised:

- Professor Richard Ho, Chairperson of SIA Design Thrust and SIA Council Member
- Mr James Lim, Chief Executive Officer of Uniseal Pte Ltd
- Mr Chia Ngiang Hong, President of Singapore Green Building Council (SGBC)
- Mr Leung Man Kit, previous Laureate of G-Architect Award 2014 and Director of Sustainable Design, Ronald Lu & Partners (HK)

2016 Laureate: Dr Kenneth Yeang, Director of T. R. Hamzah & Yeang Arkitek Sdn Bhd

The jury described Dr Yeang's work as follows:

Kenneth Yeang's work stems from a yearning to create natural ecosystems within his architecture, as well as between the architecture and nature. His understanding that natural environments enhance both the performance of the buildings and psychology of its occupants has led to designs that are archetypal of 'green buildings', evident in early projects such as the Menara Mesiniaga, and evolved to a high level of maturity in the recent Solaris. His commitment to green architecture has led the jury to favourably award him this year's G-Architect Award.

SIA expresses its deepest gratitude to Uniseal Singapore Pte Ltd & Uniseal Creative Solutions Pte Ltd for sponsoring the G-Architect Award.

#### **ARCASIA Committee for Green and Sustainable Architecture (ACGSA) & GreenArcasia Exhibition**

SIA was represented in the GreenARCAsia Exhibition organised by the ARCAsia Committee for Green and Sustainable Architecture (ACGSA) at 2016 Asia Conference for Architects (ACA17) in Hong Kong in September 2016. Two Singapore projects, Yishun Community Hospital (CIAP Architects, QP: SIA Immediate Past President Theodore Chan) and BCA SkyLab (Surbana Jurong, QP: SIA Council Member Tan Szue Hann), were selected from Singapore, joining the ranks of more than 10 Asian nations and ARCAsia members exhibiting their latest work in sustainable architecture.

Representing ACGSA from SIA is Committee Advisor Kuan Chee Yung, who presents SIA's sustainability case in the ARCAsia roundtable sessions.

### **SiP – Sustainability in Practice**

The second pillar, SiP (Sustainability in Practice), shares an equal importance – identifying the significance of sustainability in architectural practice, amidst the statutory framework and market conditions in Singapore. Aiming to understand, advise and align with the national agenda through involvement in various statutory task forces, the committee focuses on the review of national codes and standards – from an architect's perspective and interests. Also, by active involvement in

Feedback to BCA on new Green Mark version for Residential Developments

The Committee had compiled comments from its members, representing the interests of SIA members at large, on the proposed changes for the new version of Green Mark for Residential developments (GM2016). The Committee carefully considered the interests of Architects in crafting the feedback and recommendations, prioritising creative freedom for Architects and minimising any potential added liability for the Architect in the course of administering the new version of Green Mark, while providing BCA with a constructive review.

Representing SIA's interests in the BCA-led Learning Trip to Los Angeles, and GreenBuild 2016

SIA sent a representative from the committee in this learning trip from 2 Oct to 6 Oct 2016. The delegation visited green buildings in Los Angeles and was introduced to the sustainability efforts of the Downtown LA City Council. A

report of this trip, as well as the Greenbuild conference, will be featured in the Q2 2017 SIA INSIGHT newsletter. Also, a seminar to share the findings from this trip with SIA members will be conducted on Wednesday 1 March 2017.

### **Visit from Delios, advocates of the WELL system**

Delios (USA) and Arup (Singapore), advocates of the WELL system (American based system for building occupant wellness), had visited SIA in October 2016, to share on the WELL system. The Committee hosted the visit, with the goal of understanding this system better, and learning that Delios had similarly proposed the WELL system to BCA and SGBC with the goal of adopting it nationally.

The Sustainability Committee then convened and discussed on the relevance of this system for Singapore, and decided that there are criteria within the new Green Mark versions, as well as in Green Mark for Healthcare, which already cater to wellness. As such, the adoption of the WELL system would be premature at this stage.

## **SiE – Sustainability in Education**

The third pillar, SiP (Sustainability in Education), looks at outreach, publicity of green design efforts, engaging with schools and institutions of higher learning (to start the green movement from a young age!), and continuing professional education through seminars.

### **International Tropical Architecture Design Competition**

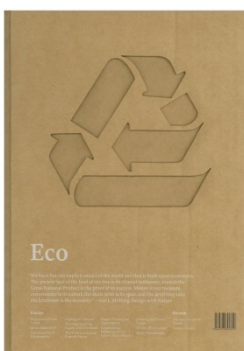
With the theme “The Future of Green Tropical Living”, the 6th International Tropical Architecture Design (ITAD) competition focused on tropical green architecture and sustainable building design solutions. It allowed students to explore the vast realms of knowledge revolving around sustainability and also provided a platform to showcase their innovative sustainable design ideas. The competition received 131 submissions from 24 countries in 2016. This competition is organised by BCA, with the support of SGBC and SIA.

Committee Chairperson Tan Szue Hann was an invited judge for the preliminary and final stages, where five top winners from five different international university teams (including a collaboration between NUS, SUTD and the Architecture Association!) were awarded, and five other honourable mentions awarded. For the coming year, plans are afoot to bring the exhibition of the international winners to the architectural institutions in Singapore, as a travelling exhibition, as well as engaging the winners in a sharing session with our university students.

### **SiC – Sustainability in Climate Change**

The broader goal behind the first three pillars results in the fourth – the role of sustainable design in combating climate change. The Committee aims to further the discourse of sustainable architecture in the broader realm of the discussions on climate and resilience, and engage with the national-level secretariats on climate change, as well as global organisations such as CR100 in the future.

## **The Singapore Architect Edition 04 – Eco**



The fourth edition of the new The Singapore Architect magazine, released in August 2016, focused on the theme “Eco”. The issue was guest-edited by Committee Chairperson Tan Szue Hann and curated by Fong Hoo Cheong, with contributions from the SIA Sustainability Committee, including Advisor Kuan Chee Yung, Vice-Chair Astee Lim and Benjamin Towell.

Focusing on green issues in design, practice and education, the issue was premised on themes and projects which were not only responsive to the environment, but also considerate towards their impact on climate change. The issue was organised in five sections, ranging from practice, to building features, to education (in featuring the NUS M Arch Thesis students’ work), as well as a section on the philosophies of green architects.

Contributing to the issue were members of the Sustainability Committee, including Advisor Kuan Chee Yung, who wrote on sustainability for our generation of millennials; Vice Chair Astee Lim, who wrote on the need for food

resilience as Singapore embarks on urban farming; as well as Benjamin Towell, who wrote a summary piece on the new Green Mark.

The actual issue itself was produced with recycled paper for the content pages, and recycled cardboard for the covers. More than just stylistics, the message is clear – through the messages within the issue, and the medium on which they are communicated, we should aim to return, to the Earth, that which we consume.

## **Future Plans**

The Sustainability Committee continues to engage the fraternity – and beyond – in green-related issues. Plans are afoot on an afternoon-long SIA Green Conference, a series of talks on sustainability-focused issues. We also welcome any ideas from SIA members on how we can help you go green!

# University Liaison

---



The committee organised a visit for 40 students to Nippon Paint Factory on 28 October 2016. The students gained knowledge on basic paint technology and the common causes and remedy for paints defects during this trip.

We would like to thank Nippon Paint for sponsoring this factory visit.

# Practice Thrust

---



Chan Kok Way  
Co-Chairperson  
Practice Thrust



Lim Choon Keang  
Co-Chairperson  
Practice Thrust

Practice Thrust continues with the pursuit for enlightened policies and improved practices on architectural services by actively engaging with the relevant authorities with the aim to raise construction quality/productivity, improve processes, promote equitable conditions of appointment and technical competency so as to work towards a dignified and caring profession that upholds high standard of professional conduct and ethics.

## **The objectives for Practice Thrust in the Council Year were as follows:**

- Generate greater awareness on pertinent and important matters affecting architectural practice
- Finalise and launch the SIA new building contract to the industry
- Publicise and raise awareness on duties & responsibilities of Architects and denounce illegal practices
- Provide peer support clinic
- Provide public consultation service
- Promote and provide common templates/tools to support members on their practice needs
- Develop Architecture Practice Management Framework (PMF) with SPRING
- Organise courses and seminars for members to update and upgrade them on current case laws and practice

## **Practice Thrust consists of the following committees and sub-committees:**

1. Alternative Dispute Resolutions (ADR)
2. Architect's Appointment
3. Building Contracts
4. Construction Industry Joint Committee (CIJC)
5. Resource & Technology
6. Small and Medium Architectural Practice (SMAP)
7. Workplace Safety & Health (WSH)
8. Regulations Codes and Standards (RCS)
  - a. Building Control & Park Sub-Committee
  - b. Development Control Sub-Committee

- c. Environment Sub-Committee
- d. Fire Safety & Security Sub-Committee
- e. Research & Standard Sub-Committee
- f. Road & Transport Sub-Committee

**Major tasks for Practice Thrust in this Council Year were as follows:**

1. Launch of SIA Building Contract 2016
  - a. SIA Building Contract - without quantities (Domestic & International)
  - b. SIA Design and Build Contract- (Domestic & International)
  - c. SIA Sub-Contract (Domestic & International)
  - d. Drafting and reviewing SIA Building Contract - with quantities (Domestic & International)
  - e. Drafting and reviewing Guidance Notes (for common use)
2. Review on the scope of Basic and Additional Architectural Services to publish on SIA website
3. Review SIA Conditions of Appointment and Architect's Services and Mode of Payment
4. Drafting of SIA Conditions of Sub-Contract for use in conjunction with the Minor Works Contract 2012
5. Finalise Partnership Agreement Checklist
6. Engage with BCA to participate in the redevelopment of the NPQS

**Once again the Council year 2016/2017 had been an eventful year with the following major activities:**

- Launch of SIA Building Contract 2016
- Launch of SIA Arbitration Rules 3rd Edition
- Work on the iNPQS Prototype
- Participating in task force comprising BCA, LTA, NParks, PUB and SIA to further study 3 issues raised by SIA at the Inter-Agency Coordinating Committee chaired by BCA
- Continuing Professional Development – 13 seminars/talks were successfully organised

**Other major activities that Practice Thrust participated in this Council year were as follows:**

- Inter Agency Coordinating Committee (IACC) Meeting chaired by BCA
  - Construction Industry Joint Committee (CIJC) meetings
  - SIA-NParks Dialogue Session
  - SIA-BCA Networking Session
  - SIA & IES Dialogue with LTA
  - DCD/SIA/SIP/REDAS Dialogue
  - BCA Productivity Leadership Summit 2016
  - FSSD Fire Safety Standing Committee
  - FSSD Audit Inquiry Committee
  - FSSD Waiver Meeting
  - BCA Waiver Application Panel Meeting
  - NPQS Steering Committee chaired by BCA
  - Dialogue Meeting between SIA, IES, ACES, REDAS, SCAL, PUB and NEA
  - Participate in BOA - PEB - Law Society - Draft Changes to D&B Contracts
  - SPRING - Development of Practice Management Framework
  - Update of Guidelines for Design Procurement By DSg
  - Consultation on Greenery Provision within Premises
  - SMAP Public Forum - Why Architect?
- 
- Public Education on Illegal Practice
  - Completed review of BCA Good Industry Practices Guide on Agglomerated Stone
  - Completed review of BCA Good Industry Practices Guide on Engineered Wood Flooring
  - Completed review for SS 221-2002 Road Marking Paint
  - Working Group to review SS 542 : 2008 Code of Practice for Painting of Buildings
  - Work Group to develop Technical Reference for Facility Design Guidelines of Community Hospitals

- Work Group to review SS 374:1994 - Specification For Preformed Waterproofing Membrane For Concealed Roof
- Working Group to develop Code and specification on Pneumatic Waste Conveyance System
- Work Group on Pneumatic Waste Conveyance System
- Technical Committee Review on Guidance on Boundary Noise Limit for Air Conditioning Ventilation System in Non-Industrial Buildings
- WSH (Construction & Landscape) Committee
- WSHC Annual Strategic Planning Exercise

Practice Thrust will continue to strive to achieve its objectives set for the betterment of architectural fraternity and profession.

*Chan Kok Way and Lim Choon Keang*  
*Co-Chair*

Practice Thrust, Council Year 2016/17

### **1. ALTERNATIVE DISPUTE RESOLUTION**

[adr@sia.org.sg](mailto:adr@sia.org.sg)

Chair:

Darren Bengier

Legal Advisor:

Raymond Chan

Members:

Chan Kok Way  
Chung Kah Keat David  
Leow Ban Hua James  
Lim Kheng Chye  
Loo Sin Sing Henry  
Sim Pauline  
Tan Cheng Hye Johnny  
Tan Kee Cheong

### **2. BUILDING CONTRACTS**

[bldg\\_contracts@sia.org.sg](mailto:bldg_contracts@sia.org.sg)

Chair:

Chan Kok Way

Legal Advisor:

Raymond Chan

Advisors:

Ashvinkumar s/o Kantilal  
Seah Choo Meng  
Billy Wong

Members:

Darren Bengier  
Lee Khee Chong Benedict  
Leong Tatt Man  
Lim Kheng Chye

Tan Cheng Hye Johnny

Wee Guo Bin Benson

### **3. BUILDING CONTRACTS SUB-COMMITTEE**

[bldg\\_contracts@sia.org.sg](mailto:bldg_contracts@sia.org.sg)

Chair:

Chan Kok Way

Advisor:

Philip Chan

Member:

Chia Kok Bin Patrick

Drafter:

Emeritus Prof Justin Sweet

### **4. SMAP**

[smap@sia.org.sg](mailto:smap@sia.org.sg)

Chair:

Catherine Loke Su Im

Advisors:

Chan Seng Kee  
Chung Kah Keat David

Members:

Chan Yat Weng  
Chia Yong Kwang  
Kon Su Ye Gabriel  
Lim Choon Keang  
Loo King Keong  
Ong Eng Liang  
Teh Joo Heng  
Lew Pang Nyen Thomas  
Siti Habibah Bte Siraj

## **5. MINOR WORKS CONTRACT WORKING GROUP**

[smap@sia.org.sg](mailto:smap@sia.org.sg)

Chair & Facilitator:  
Catherine Loke Su Im

Advisor:  
Chung Kah Keat David

Legal Advisor:  
Anil Changaroth

Members:  
Lew Pang Nyen Thomas  
Sam Wong (Quantity Surveyor)

## **6. RESOURCE & TECHNOLOGY**

[info\\_tech@sia.org.sg](mailto:info_tech@sia.org.sg)

Chairman:  
William Lau

Members:  
Daniels Chandra  
Ho Kwok Tao, Thomas  
Kuan Chee Yung  
Lim Chiauw  
Lim Yeung Mein, Eric  
Loh Ju-Hon  
Tan Boon Soo  
Tan Yew Yaw, Jim  
Thum Mun Cheong, Ben  
Ong Eng Liang (Observer)  
Angel Torres Castro  
Resource Person:  
Chander Gupta  
Gerard Heng

## **7. ARCHITECT'S APPOINTMENT**

[architectappointment@sia.org.sg](mailto:architectappointment@sia.org.sg)

Chair:  
Catherine Loke Su Im

Advisor:  
Ashvinkumar s/o Kantilal  
Darren Bengier

Legal Advisor:  
Edwin Lee

Members:  
Choy Kah Kin  
Leong Tatt Man  
Sharon Baptist

Tan Ee Kheng Kaylene

## **8. REGULATIONS, CODES AND STANDARDS**

[policies@sia.org.sg](mailto:policies@sia.org.sg)

Chair:  
Lai Teck Chuan Richard

Deputy Chair:  
Lim Yoke Lan Lesley

Advisor:  
Lim Choon Keang

## **9. RCS BUILDING CONTROL & PARK**

[rcs\\_bcparks@sia.org.sg](mailto:rcs_bcparks@sia.org.sg)

Co-Chairs:  
Ong Eng Liang  
Koh Siew Lay

Advisor:  
Ho Kwok Tao Thomas

Members:  
Chen Siew Loong Peter  
Chua Kae-Shin Casey  
Kong Chee Choon Simon  
Kuan Chee Yung  
Lee Shiuh Liang Jason  
Sim Kooi Chuan  
Wee Chye Hin Victor  
Wee Guoqin Benson  
Wong Xue Nie Cherie

## **10. RCS FIRE SAFETY & SECURITY**

[rcs\\_fss@sia.org.sg](mailto:rcs_fss@sia.org.sg)

Chair:  
Song Yew Kee

Deputy Chair:  
Eng Yew Hoon

Members:  
Chan Yip Seng  
Cheng Thuan Hann Markus  
Fong See Chet  
Koh Tien Beng  
Koh Siew Lay  
Kong Chee Choon Simon  
Lau Kwong Chung  
Lee Chin Shiun  
Lee Khee Chong Benedict  
Lim Lee Meng Gerald



Mohan Shanmugam  
Pauline Sim  
Tan Beng Leong  
Tan Swee Tiong Andrew  
Vong Yee Yan Michael

*(We would like to place on record the demise of Mr Song Yew Kee on 17 November 2016 and acknowledge his contributions to the fire safety and security industry).*

## **10. RCS DEVELOPMENT CONTROL**

[rsc\\_dc@sia.org.sg](mailto:rsc_dc@sia.org.sg)

Chair:  
Lee Chay Pew Patrick

Deputy Chair:  
Wong Wai Ying

Advisor:  
Lim Choon Keang

Members:  
Lau Tse Kit Joseph  
Foo E-Jin  
Siti Habibah Bte Siraj  
Tan Kok Yong Charles  
Tan Eng Teik Raymond  
Yong Wei Lee

## **10. RCS ROAD & TRANSPORT**

[rsc\\_rt@sia.org.sg](mailto:rsc_rt@sia.org.sg)

Chair:  
Ang Kong Siong Tony

Deputy Chair:  
Ho Seow Hui

## **11. WORKPLACE SAFETY AND HEALTH**

[wsh@sia.org.sg](mailto:wsh@sia.org.sg)

Chair:  
Darren Bengier

Members:  
Chan Kok Way  
Dr Chris Vickery  
Seet Wei Chung Luther

## **REPRESENTATION IN EXTERNAL BODIES**

### **BCA Waiver Application Panel Meeting**

Chen Siew Loong Peter  
Chua Kae-Shin Casey  
Ho Kwok Tao Thomas  
Koh Siew Lay  
Kong Chee Choon Simon  
Kuan Chee Yung  
Lee Shiuh Liang Jason  
Ong Eng Liang  
Sim Kooi Chuan  
Wee Chye Hin Victor  
Wee Guoqin Benson

### **FSSD Waiver Meeting**

Chan Yip Seng  
Cheng Thuan Hann Markus  
Eng Yew Hoon  
Fong See Chet  
Koh Siew Lay  
Koh Tien Beng  
Kong Chee Choon Simon  
Lau Kwong Chung  
Lee Chin Shiun  
Lee Khee Chong Benedict  
Lim Lee Meng Gerald  
Mohan Shanmugam  
Pauline Sim  
Song Yew Kee  
Tan Beng Leong  
Tan Swee Tiong Andrew  
Vong Yee Yan Michael

### **Dialogue Meeting between SIA, IES, ACES, REDAS, SCAL, PUB and NEA**

Richard Lai  
Yeo Eng Choon

### **DCG-SIA/SIP/REDAS/ACES Dialogue**

Patrick Lee  
Lim Choon Keang

### **Inter Agency Coordinating Committee (IACC)**

Chan Kok Way  
Richard Lai  
Lim Choon Keang  
Tony Ang  
Ong Eng Liang

### **Fire Safety Engineers Selection Panel**

Song Yew Kee

**Standard for Fire Safety in Rapid Transit System (SFSRTS) Committee**

Eng Yew Hoon  
Tan Beng Leong

**SCDF Fire Safety Standing Committee**

Song Yew Kee  
Eng Yew Hoon  
Lau Kwong Chung  
Koh Tien Beng

**Fire Code Review Committee (FCRC)**

Song Yew Kee  
Eng Yew Hoon

**Building and Construction Standards Committee (BCSC)**

Benedict Lee

**Technical Committee for Surface Costings**

Richard Lai

**Technical Committee Architecture Works**

Lau Kwong Chung

**Spring Singapore Technical Committee**

Lau Kwong Chung

**Technical Committee on Building Facilities & Services**

Sim Kooi Chuan  
Koh Tien Beng

**Work Group to review SS 492 : 2001 - Performance requirements for strength and robustness (including methods of test) for partition walls**

Sim Kooi Chuan

**Work Group to review CP90: 2001 - Code of practice for design and installation of partition walls**

Sim Kooi Chuan

**Technical Committee for BCA's Good Industry Practices Guide on Drywall Partition**

Richard Lai

**Technical Committee for BCA's Good Industry Practices Guide on Prefabricated Bathroom Unit**

Richard Lai

**Good Industry Practices Guide on Engineered Wood Flooring**

Choy Kah Kin

**Technical Committee on Good Industry Practice Guide on Agglomerated Stone**

Choy Kah Kin

**Work Group to review SS 221 2002 Road Marking Paint and prepare New SS for Water Base Road Paint**

Wan Siew Fung

**Work Group to review of SS119, Metal Window**

Lau Kwong Chung

**Work Group to review of SS370, Metal Roof**

Lau Kwong Chung

**Work Group to review the SS 542:2008 Code of Practice for Painting of Buildings**

Eng Yew Hoon

**Work Group on Installation of Services and Conduits within Fire Rated Dry Construction in Building**

Eng Yew Hoon

**CUGE Skyrise Greenery Standards CS E01:2014 - Guidelines on Design Loads for Skyrise Greenery and CS E02:2014 - Guidelines on Design for Safety of Skyrise Greenery**

Wan Siew Fung

**Consultation with Professional Bodies on Draft Technical Guide for the Implementation of Stormwater Detention Tank Systems within Developments**

Richard Lai

**Technical Committee for Review of Guideline on Boundary Noise Limit For Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings**

Richard Lai  
Lim Choon Keang

**Industry Consultation on Proposed Amendments to EPH (Swimming Pools) Regulations and Code of Practice on Environmental Health**

Yeo Eng Choon

**Consultation on Greenery Provisions within Premises**

Ong Eng Liang  
Sim Kooi Chuan

**Evaluation Panel for HDB Construction Awards 2016**

Patrick Lee

**SCAL - Construction Safety, Health and Security Campaign 2016**

Chan Kok Way

**Work Group on SS 374:1994 Specification for preformed waterproofing membrane for concealed roof**

Wan Siew Fung

**SCL Construction Expertise 101 Course**

Catherine Loke

**Technical Advisor to St John's Home For Elderly Persons Building Committee**

Tony Ang

**Work Group on Pneumatic Waste Conveyance System**

Wan Siew Fung

Richard Lai

**Member of ABC Waters Professional Programme Committee**

Richard Lai

**Member of ABC Waters Professional Monitoring Committee**

Lim Choon Keang

**BCA Quality Assurance Advisory Committee**

William Lau

**MEWR GPC Resource Panel Meeting**

Patrick Lee

**BCA Homeowner's Guide Discussion Meeting**

Ong Eng Liang

Koh Siew Lay

**Construction Productivity Centre Advisory Panel (CPC-AP)**

William Lau

**PEB Investigation Panel**

Catherine Loke

**Conservation Guidelines Review 2016**

Lim Choon Keang

**NPQS Steering Committee**

Ashvinkumar s/o Kantilal

Theodore Chan  
William Lau  
Loh Ju-Hon  
Kuan Chee Yung

**CIJC**

Chan Kok Way  
Lim Choon Keang  
Fong Hoo Cheong

**BCA-CIJC**

Chan Kok Way  
Lim Choon Keang  
Fong Hoo Cheong

*(We would like to place on record the demise of Mr Song Yew Kee on 17 November 2016 and acknowledge his contributions to the fire safety and security industry).*

# Alternative Dispute Resolution

---

## Introduction

The terms of reference for the committee for Year 2016/2017 were as follows;

- Review of the SIA Arbitration Rules
- Review of Arbitration Clause for SIA Building Contract - International Version
- Review of Dispute Resolution Clauses in draft Minor Works Sub-Contract
- Review and Renewal of Panel of Arbitrators
- List of SIA Panel of Arbitrators and Mediators
- Organise Continuing Professional Development (CDP) Events

## Review of the SIA Arbitration Rules

The Alternative Dispute Resolutions Committee initiated the review of the SIA Arbitration Rules in 2015. The objectives of the review were to address current arbitration landscape where the disputes are getting more complex, procedural and sophisticated and to update and develop the current rules to be in line with the arbitration clauses in our current forms of building contracts. Besides obtaining feedback from committees, feedback were also sought from lawyers, contractors and developers in the SIA Industry Consultation on ADR Services. Together with a legal advisor, the ADR Committee completed the review on 11 November 2016 and the SIA Arbitration Rules 3rd Edition was launched on 1 December 2016

## Review of the Arbitration Clause for SIA Building Contract - International Version

On the invitation from Building Contracts Committee, the ADR Committee provided feedback on incorporation of SIAC as the administrator for nomination of arbitrator and administration of the arbitration in our current forms of building contracts – international version.

## Review of Dispute Resolution Clauses in draft Minor Works Sub-contract

On the invitation from Small & Medium Architectural Practice (SMAP) Committee, the ADR Committee provided feedback on the proposed dispute resolution provisions in the draft Minor Works Sub-Contract.

## Review and Renewal of Panel of Arbitrators

The listing-renewal exercise is in progress. The Committee is debating on whether to implement a compulsory requirement for the SIA Panel of Arbitrators (Category A – SIA Members) to attend CPD courses/seminars related to arbitration as one of the renewal criteria. The discussion is ongoing.

## Listing on the SIA Panel of Arbitrators and Mediators

In this Council Year the ARD Committee received 2 applications for admission to the SIA Panel of Arbitrators and Mediators. Both applications were reviewed by the Committee to ensure that the applicants met all the requirements for admission before recommended to the SIA President for approval. The applications were approved and applicants were admitted to the panels in October 2016.

## Continuing Professional Development (CDP) Events

The ARD Committee organized a seminar on 14 October 2016 'Challenges to the temporary finality of the Architect's Certificate under Clause 31(13) of the SIA Articles and Conditions of Building Contract in Summary Judgment Applications. How an Architect's Interim Certificate may be tainted by fraud of the Architects'. In the seminar, the speakers shared the Court of Appeal's decisions on what constitutes "fraud, improper pressure and interference" under Clause 31(13) and the effect on an interim certificate when part of it is tainted by fraud and Architect's duties when certifying and how the Architect can safeguard his certificates against attacks on grounds of "fraud, improper pressure and interference".

The seminar attracted 110 participants and the speakers were Mr Johnny Tan Cheng Hye - an Independent Arbitrator and Mr Raymond Chan - Partner, Chan Neo LLP

## Arbitration Cases

In Council year 2016/2017, there were 7 requests received for the appointment by SIA of an Arbitrator, of which 5 cases proceeded to the appointment of an Arbitrator.

# Building Contracts

---

Over the past few years, SIA conducted a review and revamp of the SIA Forms of Building Contract with the objective to meet the current industry's needs and practice landscape as well as to include a new international version of building contract. A Sub-Committee was formed in 2011 to work on a new version of the SIA Building Contracts, with appointed drafter, Emeritus Professor Justin Sweet. The review and revamp was completed and the suite of SIA Building Contract 2016 was launched to the building industry on 28 November 2016. The suite consists of the following:

- SIA Contract 2016 Design and Build (Domestic & International)
- SIA Contract 2016 Building Contract Without Quantities (Domestic & International)
- SIA Sub-Contract 2016 (Domestic & International)

The main features of the new version of SIA Forms of Building Contract are as follows:

- retain the spirit of SIA Form of Contracts;
- pro-business;
- use of plain English and short sentences;
- identify and allocate risks to avoid disputes; and for parties to work on the risks or price for the risks in tender; and
- provide single point project management approach under the Architect

SIA will conduct a series of seminars, workshops to equip the practitioners and allied professionals with knowledge and know-how on these new contracts in the coming Council's years. To promote these new contracts, SIA has introduced to the Construction Industry Joint Committee (CIJC) in 3 January 2017, and will also organise roadshows to the related allied professional institutions and government agencies in 2017.

# SMAP

---

The Small and Medium Architectural Practice (SMAP) Committee was setup with the objective to provide a dignified and sustainable platform for Small and Medium Architectural Practice.

Small and Medium Architectural Practices are firms with comprising 1 to 20 personnel.

The objectives for the committee are as follows

- Practice - To provide SMAP with practice needs / tools, e.g. publication of the SIA Conditions of Sub-Contract for use in conjunction with the Minor Works Contract 2012, Practice Management Framework (PMF) and etc
- Peer support - To provide an avenue for SMAP to seek peer support and advice on practice matters through the SMAP Practice Clinic
- Public Education - To address the problem of illegal persons providing architectural services, to educate the public on the importance of engaging an Architect, and to provide an avenue for the public to seek the advice of an architect.

## **SIA Conditions of Sub-Contract for use in conjunction with the Minor Works Contract 2012**

In 2015 the Committee embarked on review exercise of SIA Conditions of Sub-Contract for use in conjunction with the Minor Works Contract 2012. The Conditions of Sub-Contract is intended to be used where an Employer under the Main Contract has chosen to exercise his right to nominate a sub-contractor or supplier to be engaged by the Contractor under specific conditions as determined by the Employer. This standard form is suitable for use if the Sub-Contract Sum is significant and it is reasonable for the Sub-Contractor to take on the same or similar obligations as the Contractor in a corresponding arrangement with the Main Contract. This Sub-Contract contains provisions in line with the SOP Act. The drafting exercise was completed and is now gathering feedback from respective SIA Committees

## **Practice Management Framework (PMF)**

The Practice Management Framework is a framework to be developed by architects for architects with the objective to lay the foundation for good and consistent delivery of architectural service, leading to an improvement in productivity and level up the standard of professionalism and status of the profession. The cost for the preparation of the PMF will be co-funded

by SPRING(70%) and SIA(30%). 6 architectural firms from small to multi-disciplinary practice expressed interest to participate in this project. 2 consultancy firms were invited for a briefing on the requirements of the PMF. Subsequently one has submitted a draft scope and fee proposal for consideration. The Committee is currently vetting through the submission and will make a recommendation to Council for approval.

## **SMAP Practice Clinic**

Members of SMAP often work in isolation and may not have access to advice when experiencing difficulties during their course of practice. The clinic provides an avenue for practitioners to seek a second opinion or informal advice from their peers. This clinic is free and available to SIA Fellow & Corporate Members. Those wishing to attend the clinic can write to [smap@sia.org.sg](mailto:smap@sia.org.sg)

## **SMAP Public Education – Public Forum - Why Architect?**

Since 2013, SMAP Committee had organised 7 sessions of WHY ARCHITECT? Forum. The objective of this forum is to share insights on important issues that home owners should be aware of and take into consideration. In this Council Year, the 1<sup>st</sup> forum was organised on 8 March 2016 in conjunction with SingaPlural 2016 at 99 Beach Road and the 2<sup>nd</sup> forum was held on 2<sup>nd</sup> October 2016 in conjunction with Archifest 2016 at Library@Orchard. The Forum panel for SingaPlural 2016 comprising 3 Architects, an Insurance Advisor and a Builder, while the Forum panel for Archifest 2016 comprising 3 Architects, a Project Manager and a Builder. The panel shared with the audience the architect's competencies, architect's roles and responsibilities, misconceptions about architects, importance of good working relationship between the architect, contractor and owner, and how a project should be run.

The topics presented at the SingaPlural 2016 were;

- Architect's Registration & Regulation, Core Competencies and Basic Services
- Authorities' Requirements
- What is the role of the Architect?
- What Is A Contract?

The speakers and panellists in the SingaPlural 2016 were:

Professor Ho Kong Fatt Richard - Architect, Singapore Institute of Architects  
Ms Catherine Loke - Architect, Singapore Institute of Architects  
Mr Teh Joo Heng - Architect, Singapore Institute of Architects  
Mr Khoo Kok Peng – Insurance Advisor  
Mr Safii Kasmuri – Builder, SAGE Builders Pte Ltd

The session was moderated by Mr Tan Szue Hann – Architect, Singapore Institute of Architects

The topics presented at the Archifest 2016 were;

- Who is an Architect?
- What are their responsibilities?
- When do you need to appoint an Architect?
- Why is appointing an Architect important for homeowners.
- Common Misconceptions of an Architect
- Problems Faced by Homeowners

The speakers and panellists in the Archifest 2016 were:

- Mr Bernard Ng – Architect, Singapore Institute of Architects
- Ms Catherine Loke - Architect, Singapore Institute of Architects
- Mr Kon Su Ye Gabriel – Architect, Singapore Institute of Architects
- Mr Gilbert Kuek – Project Manager, ORTUS ASIA Consulting Pte Ltd
- Mr Peter Lai – Builder, Berjaya Buildcon Pte Ltd

The session was moderated by Ms Wu Yen Yen – Architect, Singapore Institute of Architects

The turnout was encouraging. There were about 60 people at the forum comprising house owners, professionals, students and those considering a career in architecture.

After the Forum, participants were invited to stay on to interact with the speakers and those architects present in an informal setting.

## **Illegal Practice - non-Architects providing architectural service**

SMAP Committee continues to monitor illegal practices and highlight them to the Council and subsequently to

the Board of Architects to take action against these illegal practices.

## **SMAP Public Consultation Service**

Since 2014 SMAP Committee members initiated a Public Consultation Service Panel to provide a channel for the public to approach and seek proper advice from an architect, instead of relying on the advice of those who are not qualified. The consultation service is not meant to be pro bono service but general advice only. Members of the public wishing to use this service can contact Secretariat who will arrange for an appointment to see a SMAP member or an email reply by SMAP Chairperson.

## **SMAP Inspiration Stories**

SMAP Committee plans to organise seminars for those small & medium architectural firms which have made significant contributions in the architectural landscape to share their experience. In this way, SMAP could draw inspiration from the seminar, the focus being on skill rather than size.

# Resource & Technology

---

The Resource & Technology Committee was setup with the objective to explore, review, share and update new IT technologies/processes/tools that will be beneficial to architectural practice especially for members and the building industry. The committee works closely with SIACAD.

The objectives for the committee are as follows

- To actively engage with BCA to participate in the redevelopment of the NPQS
- To promote and raise the level of awareness to members on the effectiveness and benefits of Building Information Modeling (BIM) more of a process change (rather than a tool) to the architectural practice through seminars.

## Redevelopment of National Productivity And Quality Specification (iNPQS)

The NPQS is a set of standard specifications for building projects. It covers Architectural, Civil & Structure and Mechanical & Electrical works. The aims of NPQS is to harmonise the industry building specification and provide a standard platform for achieving greater efficiency and quality in the design, procurement and construction processes. The NPQS will evolve to iNPQS to incorporate BIM and sustainability issues. Key members of the committee are already members of various iNPQS works groups in BCA. They will actively participate in the redevelopment of iNPQS and will continue to provide views / feedback to BCA to align with current practice.

Since incorporated on 9 Nov 2015 iNPQS Pte Ltd (jointly owned by SIA, Institution of Engineers (IES) and Association of Consulting Engineers Singapore (ACES) has been actively engaging with BCA on the redevelopment of NPQS to enhance its capability and suitability to keep pace with the rapid changes in the construction industry as part of the productivity drive and to incorporate BIM and sustainability issues. SIA is currently the Secretariat for iNPQS Pte Ltd, taking over from IES.

### iNPQS Prototype – Phase 1 of the Redevelopment of NPQS

SIACAD, service provider for the iNPQS Pte Ltd had worked very closely with HDB on the Prototype using HDB specifications as the base for the iNPQS. The iNPQS/Prototype could be used as a common resource platform facilitating the sharing of information, making reference to and comparing various specifications towards adapting best practices/specifications. The Prototype, when implemented have the capability of enhancing search function, linking specification to CP and SS, linking proprietary products to specification and linking to BIM object. The project is ongoing. iNPQS Pte Ltd will further discuss with SPRING to incorporate CP and SS into iNPQS and also to explore with SPRING the charging model for access to CP and SS.

### iNPQS - Phase 2

iNPQS and BCA will be planning the details for advancing to Phase 2 – completing the specification writing and rolling out the software with pilot testing etc.

In addition to above, Resource & Technology Committee members continue to provide feedback to BCA on current issues concerning BIM development processes in the industry in order to align and promote BIM practices in the industry.



# Architect's Appointment

---

## INTRODUCTION

The objectives set by the Committee for the Council year 2016/2017 were as follows;

- Review on the scope of Basic and Additional Architectural Services to publish on SIA website
- Review SIA Conditions of Appointment and Architect's Services and Mode of Payment
- Convert the SIA Conditions of Appointment And Architect's Services And Mode of Payment to an on-line (electronic) type ("eContract")
- Prepare and publish the SIA D&B Conditions of Appointment And Architect's Services and Mode of Payment
- Drafting of Partnership Agreement Checklist/Guidance Notes
- Procurement Services Issues
- Address ongoing interfacing issues with BOA

## PRACTICE MATTERS

### **Review on the scope of Basic and Additional Architectural Services to publish on SIA website**

The Committee embarked on the review of the scope of Basic and Additional Architectural Services for publication on SIA website. The intentions of this initiative are to chart out the roles of respective consultants, scope the works under their purview, and the relationship between the consultant, developer and the contractor. The information to be published on SIA website will serve as a reference for members and the public so that members are not compelled to provide free services for scope which is beyond basic architectural service, and also to educate the client on the need to engage the necessary specialists, some of whom may be architects as well, to work with the project architect.

### **Review SIA Conditions of Appointment and Architect's Services and Mode of Payment**

SIA is reviewing and updating the clauses for Conditions of Appointment and Architect's Services and Mode of Payment to ensure comprehensiveness, and to be in line with current legislation and practice. The review exercise will also include the scope of Basic Services and Additional Services.

### **On-Line Version of the SIA Conditions of Appointment And Architect's Services And Mode of Payment**

The objectives for the on-line version of SIA Conditions of Appointment And Architect's Services And Mode of Payment (currently aka "Blue Book") are (i) to provide flexibility to members to customise Service Agreements to suit particular project needs and conditions and (ii) to make SIA's standard form of Service Agreement more easily accessible to SIA members as well as to other industry players (to promote the use of the SIA form throughout the industry). The exercise has been put on hold pending the completion of reviewing the scope of Basic and Additional Architectural Services and SIA Conditions of Appointment and Architect's Services and Mode of Payment.

### **SIA D&B Conditions of Appointment And Architect's Services and Mode of Payment**

With the launch of SIA Building Contract 2016, the Committee will work with Building Contract Committee on the suitable clauses to be incorporated into the D&B Conditions of Appointment and the major issues that this Committee should take note of in respect of D&B. The exercise is ongoing.

### **Partnership Agreement Checklist**

Given the evolution of the profession towards specialization to address the complexities of a project, the Architect's Appointment Committee is working on guidance notes/checklist to encourage more collaboration among Architects. This checklist is intended to serve as a template to facilitate partnership/collaboration among members, as well as with other consultants, local and foreign. This is also to make clear to the industry that specialized fields do not form part of basic service, and one firm alone should not be expected to be able to offer services beyond what constitutes basic service. The draft of the checklist was completed. The Committee will make a final review after which it will seek legal advice on the draft checklist and drafting of a disclaimer.

## **PROCUREMENT SERVICES ISSUES**

### **- GeBiz Info Alert**

GeBiz Info Alert is an initiative by the Committee for the benefit of members to facilitate ease of scrutinising the opportunities on Government projects. The Committee will comb through the government procurement invitations published in the GeBiz and disseminate the opportunities to SIA members via email notification on a regular basis. Besides notifying members on the procurement opportunities, the Committee is also monitoring those invitations which call for free design in the form of submissions of drawings, design concept, sketches, concept images, etc., as part of tender evaluation, checking if such invitations are in accordance with SIA's Design Competition Guidelines, and if not, then highlighting to the relevant agencies and BCA that SIA members are not able to participate in such design competitions.

### **- Position Paper On Matter To Raise With Minister for National Development**

Arising from feedback received from members on tenders (include Design Bid Build – Early Contractor Involvement – Progressive Project Information) which require submission of design, the Committee was tasked to study and come up with a formula for a reasonable compensation for design concept. The Committee opined that the position paper should not only address the compensation, it should include other procurements matters. With this in mind, the Committee expanded the position paper to include observations on policy measures in the construction industry with a view to incorporating free market principles which have been successfully implemented in policy measures other industries such as health care and land transport. The 1st draft of the position paper was completed and an economist has been consulted. The project is ongoing.

## **ADDRESSING ONGOING INTERFACING ISSUES WITH BOA**

In 2014, the Committee had drafted a position paper on public procurement system and forwarded to BOA. The position paper was sent to the Ministry of National Development by BOA. The Committee will continue to actively send feedback to BOA on matters that affect the practice and procurement.

# Regulations, Codes and Standards

---

## INTRODUCTION

The Regulations, Codes and Standards Committee (RCS) aims to engage regulatory authorities activities and to participate in the early stage of formulation of building regulations as well as to provide constructive feedback on current policies and issues related to rules, regulations, codes and standards.

The objectives for Year 2016/2017 were as follows

- To actively engage with the authorities to review and participate in regulatory formulation, improve the existing regulatory procedures and to encourage good design and practices
- To inform and update members on new applications on policies and guidelines in shorter time
- To organise seminars for practitioners to equip them with the current legislations/guidelines

The relevance of the Committee and its activities to the profession has attracted many SIA members to contribute their valuable service and time. Through this involvement they gain exposure and deep insights into the important aspect of practice. The RCS Committee has constituted 6 sub-committees overseeing different aspects of building regulations, namely:

- Building Control & Park Sub-Committee (to engage with BCA and NParks)
- Fire Safety & Security Sub-Committee (to engage with SCDF)
- Development Control Sub-Committee (to engage with URA)
- Environment Sub-Committee (to engage with MEWR and its agencies)
- Road & Transport Sub-Committee (to engage with LTA)
- Research & Standard Sub-Committee (to engage with SPRING Singapore & the New Construction Technology & Innovation at large)

## DIALOGUE AND FOCUS GROUP DISCUSSION WITH GOVERNMENT DEPARTMENTS & STATUTORY BOARDS

The sub-committees held periodic dialogue sessions with the respective authorities to review and participate in the formulation of regulatory guidelines and controls. These include dialogues with BCA, URA, ENV, FSSD and LTA and Focus Group Discussions with URA. Outcomes of these dialogues were circulated for members' information. The following are some of the external meetings, where the relevant sub-committees participated or are participating;

- BCA Weekly Waiver Meeting
- Inter-Agency Coordinating Committee (IACC) Meeting
- BCA Productivity Leadership Summit 2016
- BCA Quality Assurance Advisory Committee
- Standard for Fire Safety in Rapid Transit Systems (SFSRTS) Committee
- Fire Code Review Committee (FCRC)
- FSSD Fire Safety Standing Committee
- FSSD Weekly Waiver Meeting
- FSSD Audit Inquiry Committee
- Fire Safety Engineers Selection Panel
- DCD/SIA/SIP/REDAS Dialogue With URA
- SIA/IES/REDAS/SCAL/PUB and NEA Dialogue Meeting
- Inter Agency Dengue Task Force Meeting
- SIA/BCA Dialogue
- SIA & IES Dialogue With LTA
- SIA/NParks Dialogue
- Consultation on Greenery Provisions within Premises
- Building & Construction Standard Committee
- BCSC Technical Committee (Architectural Works)

- Active, Beautiful, Clean Waters (ABC Waters) Monitoring Committee
- Active, Beautiful, Clean Waters (ABC Waters) Programme Committee
- Industry Consultation on Proposed Amendments to EPH (Swimming Pools) Regulations and Code of Practice on Environmental Health
- Industry Consultation / CUGE Skyrise Greenery Standards
- Review The Code On Accessibility In The Built Environment
- Review Panel For The Code of Practice On Environmental Health (COPEH)
- Spring Singapore Technical Committees
- Technical Committee Architecture Works
- Technical Committee For Surface Coatings
- Working Group On Modular Mould System For Precast Production
- Completed review of BCA Good Industry Practices Guide on Engineered Wood Flooring
- Technical Committee on SS370, Metal Roof
- Technical Committee on SS118, Metal Window
- Working Group to review SS 542 : 2008 Code of Practice for Painting of Buildings
- Working Group to develop Code and specification on Pneumatic Waste Conveyance System
- Technical Committee for Review of Guideline on Boundary Noise Limit For Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings
- Completed review of BCA Good Industry Practices Guide on Agglomerated Stone
- Work Group to review SS 374:1994 - Specification For Preformed Waterproofing Membrane For Concealed Roof
- Completed review for SS 221-2002 Road Marking Paint
- Work Group to develop Technical Reference for Facility Design Guidelines of Community Hospitals

#### **INTER-AGENCY COORDINATING COMMITTEE (IACC) MEETING**

Formerly known as the Inter-Department Coordinating Committee (IDCC), the committee was revamped and renamed as the Inter-Agency Coordinating Committee (IACC), led by BCA. The objective of IACC is to look into conflicting regulatory requirements by different agencies encountered in projects, as well as conflicting policies implemented by agencies.

In this Council year, the RCS Committee had actively participated in the IACC discussion focusing on the following issues;

- 1: Technical Committee(TC) to review the boundary noise limits for ACMV systems on non-Industrial Buildings
- 2: Taskforce for Mass Landed Residential Development on:
  - (i) Location of Manhole for private landed properties
  - (ii) Crossing of Incoming Water Pipe through Planting Verge and Footpath into Development

The TC to review the boundary noise limit for ACMV system on Non-Industrial Buildings is chaired by NEA and comprising representatives from URA, BCA, SIA, IES and ACES. The review is ongoing.

The Taskforce for Mass Landed Residential Development comprising representatives from BCA, LTA, NParks, PUB and SIA. The Taskforce is currently reviewing the final agreed design for the two scenarios related to mass landed residential development.

#### **BARRIER COMPLIANCE FOR INDUSTRIAL BUILDING**

The review was initiated by BCA in one of the waiver meetings on whether ancillary offices, general areas besides or next to industrial buildings shall be exempted from current requirement for barrier compliance for industrial building. The review was solely on Clause H (Safety from Falling) of the BCA Approved Document to address the issue on safety for falling in industrial buildings or ancillary buildings within an industrial complex. The Building Control and Park Committee had completed the review and will put up a proposal to BCA for consideration.

## **BRIEFING/FEEDBACK SESSION FOR NPARKS CONSULTATION ON GREENERY PROVISION WITHIN PREMISES**

The briefing/feedback session by NParks was conducted on 27 September 2016 with the aims to provide greater flexibility and encourage creativity for developers in meeting greenery provision requirements within development. 4 areas were presented as follows:

- a) Alternative configurations of green areas within Green Buffer Zone
- b) Alternative configurations of green/planting areas within and around parking lots
- c) Allowable minor ancillary structures within green areas
- d) Explore alternatives or other configurations for aeration slabs within parking lots

On the proposal for aeration slabs, NParks has basic functional needs but recognise that the current requirements have short comings. The basic needs for (i) parking lots with at least ½ of its area open to sky; (ii) pavers to be designed for at least 35% of the parking lot area to be turfed remain. However, NParks in general are open to improvements to address the practical issues on site. The Building Control and Parks committee is currently working with NParks for alternatives to overcome the current problems. The study is ongoing.

## **MANAGING FIRE SAFETY IN THE USE OF HOARDING AND SAFETY NETS IN EXISTING BUILDING UNDERGOING ADDITION AND ALTERATION WORKS**

Temporary hoarding may give rise to fire safety concerns such as obstruction of means of escape or fire fighting facilities and blocking of ventilation openings for effective smoke dispersal. New Fire Safety Requirement 14 on the use of hoarding and safety nets in existing buildings undergoing A&A works is implemented on 1Sept2016.

## **AMENDMENT TO TECHNICAL REQUIREMENTS FOR HOUSEHOLD SHELTER 2012 – PROVISION OF FIBRE TERMINATION POINT (FTP) AND RJ45 OUTLETS AND SMALLER HS AREA FOR DWELLING UNITS WITH GFA <40M2**

To be in-line with implementation of COPIF by IDA (all copper cables will be replaced by fibre cables) FTP and RJ45 outlets provided for Household shelter requirements are implemented accordingly as per Annex A of the circular.

## **AMENDMENT TO FIRE CODE- FIRE SAFETY REQUIREMENT FOR ENGINEERED TIMBER BUILDING CONSTRUCTION**

Following a recent review undertaken to support greater productivity efforts in the use of engineered timber for construction, SCDF has revised the conditions for engineered timber building construction as found in Annex A of the circular. It shall take effect on 10 Aug 16 and supersede the earlier circular dated 6Mar2014.

## **AMENDMENTS TO THE FIRE CODE 2013 – ALARM AUDIBILITY FOR PURPOSE GROUP II MIXED OCCUPANCY**

Together with the SCDF and other representatives from other professional institutions the Fire Code Review Committee had completed the Alarm Audibility for Purpose Group II Mixed Occupancy and the circular was released to the construction industry on 11 August 2016.

## **AMENDMENTS TO THE FIRE CODE 2013 - FIRE SAFETY REQUIREMENTS FOR COLDROOM**

Arising from the feedback from The Singapore Manufacturing Federation (SMF) in meeting both AVA's food safety requirements and SCDF's fire safety requirements for coldroom protected with compartment walls, a work group comprising representatives from SMF, SIA, IES, ACES, IFE, JTC, SCDF and reputable professionals was formed to review the relevant clauses in the Fire Code. The WG was led by SCDF. The review was completed and a circular was sent to the building industry on 8 September 2016.

## **USE OF VENTILATION SLEEVE OPENING IN STAIRCASE STOREY SHELTER FOR TESTING OF STAIRCASE PRESSURISATION SYSTEM**

Instead of approved waiver applications on a case-to-case basis, SCDF has decided to allow pressure tube through the VS opening to facilitate testing of staircase pressurisation system in peacetime and revise Clause 6.3 of the Technical Requirements for Storey Shelters (SSTR) 2015 However, upon the completion of the test, the VS opening must be closed back immediately by the VS fragmentation plate.

## **IMPLEMENTATION OF SS 489:2015 – SINGAPORE STANDARD FOR SPECIFICATION FOR FIRE SHUTTERS**

The SS 489:2015 – Singapore Standard for specification for fire shutters was officially launched by SPRING on 4 May 2015. This standard specifies requirements and testing methods to assess the fire resistance of the shutter required to protect openings in walls to resist passage of fire. This standard applies to fire resistant vertical roller shutters, lateral shutters, horizontal roller shutters and folding sliding shutters. The standard shall be applicable to all building plans that are submitted to SCDF for approval from 15 Nov 2017 onwards.

## **SIA & IES DIALOGUE WITH LTA**

The last dialogue with LTA was on 5 October 2016. 3 issues were discussed in the dialogue as follows:

- 1) Review of TIA Guidelines
- 2) DC Lodgement Scheme
- 3) Joint RT-VP CSC Inspection

### **1) Review of TIA Guidelines**

LTA is reviewing the Traffic Impact Assessment (TIA) Guidelines for better align with the LTA Walk Cycle Ride SG Strategy. The proposed changes to the TIA Guidelines aim to promote walking, cycling and use of public transport. The review is ongoing

### **2) DC Lodgement Scheme**

LTA is conducting feasible study to expand the current DC Lodgement Scheme to allow more land housing development and other types of residential developments to be lodged. The study is ongoing.

### **3) Joint RT-VP CSC Inspection**

To streamline the process and facilitate the issuance for CSC clearance by BCA, LTA would like to study together with the industry on the feasibility of allowing one-stop inspection and clearance for project involves submission to LTA Roads & Transport (RT) and Vehicle Parking (VP). Discussion is ongoing.

## **DCD/SIA/SIP/REDAS DIALOGUE With URA**

The Development Control Sub-Committee had been actively engaged with URA in the DCD/SIA/SIP/REDAS Dialogue with URA. Following were some issues discussed:

### Dialogue meeting on 1 April 2016

Proposed GFA Exemption of Planter Boxes within Private Residential Units - URA will review the proposal and engage the institutes

### Dialogue meeting on 24 June 2016

Proposed Treatment for Landed Housing Developments Affected by Raised Minimum Platform Levels (MPL) – the circular was released to the industry on 3 October 2016.

### Dialogue meeting on 29 September 2016

Requirement on Provision of Bicycle Parking and End of Trip Facility – LTA to consider

- i) to refine the standards to take into consideration a possible preference for the use of Personal Mobility Devices such as e-scooters over bicycles; proximity to MRT stations; and suburban vs. central area locations
- ii) LTA to reconsider sufficient and well maintained space for bike parking lots particularly for short-term parking
- iii) LTA to consider the feedback and assess if the guideline for end-of-trip facilities should be adjusted

Industry's Feedback on Reasonable Size of Air-Condition (AC) Ledges for Residential Developments – the study was completed and concluded that a reasonable ballpark size for AC ledges should be about 5.5% of the unit size

### Dialogue meeting on 29 November 2016

Review of GFA Rules – aims to automate the checking of GFA to improved efficiency and productivity and update and simplify the rules and remove outdated rules. URA is currently seeking feedback from the professional institutions

## **CBPD Dialogue Session with Industry**

The Environment Sub-Committee had a regular dialogue with CBPD. The last dialogue was held on 17 January 2017. Following were several issues discussed in the dialogues:

- Formation of Separate Technical Agencies (TAs) for NEA and PUB – a briefing to SIA members was held at the SIA/IES/NEA/PUB Joint Seminar 2016 on 11 November 2016
- As built Sewer Requirements – to raise at the Inter-Agency Coordinating Committee (IACC) meeting to gather more feedback from the industry
- Review of Guideline on Boundary Noise Limit For Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings – discussion is ongoing
- Review of Code of Practice on Environmental Health (COPEH) – to look into revising the COPEH to include hospital, nursing homes, schools and institutions of higher learning that were not listed in the refuse output computation table in COPEH
- Energy Efficiency Requirements for New Industrial Facilities and Major Expansions - a briefing to SIA members was held at the SIA/IES/NEA/PUB Joint Seminar 2016 on 11 November 2016

## **SEMINARS**

To equip the practitioners with the current legislations/guidelines, the following were seminars successfully organized by the RCS Sub-Committees;

Fire Safety & Security Sub-Committee Seminar - SIA Fire Safety Seminar 2016: Misinterpretation: Fire Code 2013 & Circulars

3 topics were presented in this seminar, namely;

- Understanding SCDF Circulars and its Implications
- Sharing of Non-Compliance Cases on Different Purpose Groups
- Sharing of Non-Compliance Cases by Registered Inspector (Architectural)

This topic aims to help practitioners understand both application and interpretation of circulars released by SCDF. The speaker shared and elaborated the importance of circulars released by SCDF, what are the implications if QPs missed the circulars and having problem in interpreting the circulars.

The presentation on "Sharing of Non-Compliance Cases on Different Purpose Groups" focused on common non-compliance cases that have been observed during waiver appeals and FSSD audit cases for the different purpose groups. The speaker shared insight of fire safety non-compliance that commonly overlooked, misunderstood or misinterpreted by QPs and building professionals.

The third presentation "Sharing of Non-Compliance Cases by Registered Inspector (Architectural)" shared the common non-compliance cases by Registered Inspector, What are the roles and responsibilities of RI and What are the consequences of non-compliance cases.

The seminar was held on 17 June 2016 and was attended by close to 410 participants.

Speakers:

Mdm Eng Yew Hoon – Principal Architect of EZY Architects  
Mr Markus Cheng - Associate Partner of ADDP Architects LLP  
Mr Chan Yip Seng - Principal Architect of Easton Design International

### **Performance-Based Design Approach to Fire Safety Waiver Application**

With the new legislation from SCDF on the Performance-Based Design Approach to Fire Safety Waiver Application, a seminar to equip the practitioners with knowledge on this new legislation was organized on 19 August 2016. The

speakers shared and elaborated what is a performance-based design approach to fire safety waiver and recommend solution to achieve a positive outcome of fire safety waiver application with case studies.

3 topics were presented in this seminar as follows:

- Drafting of Waiver Application and Key Elements of Successful Waiver Application
- Fire Engineering Assessment To Support Waiver Application
- Performance Based Fire Engineering Study

The seminar was held on 19 August 2016 and was attended by close to 110 participants.

Speakers:

- Mr Chan Kok Way – Managing Partner of SD Architects & Associates Pte Ltd
- Mr Dan Chong – C2D Solutions Pte Ltd
- Er Shyam Dayanandan – C2D Solutions Pte Ltd
- Er. (Dr.) Tai Chin Hoe Jonathan – C2D Solutions Pte Ltd

### **Research & Standard Committee Seminar - The New Norms in Façade + Lighting! from Design to Maintenance**

New technologies and new materials have allowed Architects to create more complex building forms around the world. The design and development of facades to enclose the building form has become an exciting and challenging task. A well illuminated facade not only accentuates the building form at night, it also contributes to the urban street scape and environment. Thus, the Integration of lighting design is an essential consideration in façade design.

There were 3 parts in this seminar.

- Part 1 of the seminar was intended to give attendee an understanding on what complex facades are and the approaches to their design;
- Part 2 explored the design considerations for façade lighting and shared case studies on the applications; and
- Part 3 wrapped up with an overview of the maintenance issues for complex facades and façade lighting

The seminar was held on 19 August 2016 and was attended by close to 85 participants

Speakers:

- Mr Mr Mathieu Meur – Managing Director, Meinhardt Group
- Mr Kevin Sturrock – Director, DP Lighting Pte Ltd

### **Environment Committee Seminar - SIA/IES/NEA/PUB Joint Seminar 2016: Sharing on Design Considerations in NEA and PUB Requirements**

This seminar was organized to equip the practitioners with knowledge, submissions procedures, dos and don'ts in complying with requirements. One of the key topics was the formation of separate Technical Agencies (TAs) by NEA and PUB. With effect from 1 Jan 2017, PUB and NEA will operate as separate TAs with PUB focusing on water related matters and NEA focusing on environmental related matters. The speaker also shared the changes to the submission process after PUB and NEA operate as separate TAs.

The other topics presented were:

- Waste Management Systems & Storage
- Common COPEH Enquiries, Dos & Don'ts
- Common Dos & Don'ts for Noise Assessment in Non-Industrial Buildings
- Design of Detention Tank Systems
- Security and Maintenance Requirements in the Design and Installation of Water Storage Tanks
- Air and hydrostatic tests requirements
- Energy Efficiency Requirements for New Industrial Facilities and Major Expansions

The seminar was held on 11 November 2016 and was attended by close to 140 participants



Speakers:

- Mr Sio Wei Hurng – Senior Manager, PUB's Building Plan Unit (BPU)
- Mr Justin Tay – Engineer, Waste & Resource Management Department (WRMD)
- Mr Jason Yip – Food and Environmental Hygiene Department (FEHD)
- Ms Teh Swee Kheng – Senior Engineer, (CBPD)
- Mr Li Chengxi – Engineer, PUB's Catchment & Waterways Department
- Mr Muhd Zaki Mohamedzen – Senior Engineer, PUB Inspectorate Division of the Water Supply Network Department
- Mr Jonathan Lim – Engineer, Water Reclamation Network (WRN)
- Mr Liow Chean Siang – Senior Manager, Energy Efficiency and Conservation Department

## **ABC WATERS (ACTIVE, BEAUTIFUL, CLEAN WATERS) PROFESSIONAL REGISTRY**

In line with the revisions to the Code of Practice on Surface Water Drainage Developers/Owners shall engage an ABC Waters Professional to design, oversee the construction of, and develop a maintenance plan for the ABC Waters design features. The design and design calculations for these features, endorsed by the ABC Waters Professional, should be submitted to PUB as part of DC submission.

To build up the expertise of industry professionals in ABC Waters design features, the ABC Waters Professional Programme was launched by the Institution of Engineers Singapore (IES) with the support of the Singapore Institute of Architects (SIA), Singapore Institute of Landscape Architects (SILA) as well as PUB, NParks, HDB and LTA in 2011. As at 31 December 2016, a total of 2 ABC Waters Professional were registered under SIA registration scheme.

## **RCS NEWS ON-LINE ARCHIVE SERVICE**

RCS News On-line Archive is a collection/consolidation of ALL circulars received from the various authorities, including summary of waivers from FSSD and BCA as well as other useful information. The RCS News On-Line Archive is updated regularly for the benefit of members to facilitate ease of reference. Currently, the RCS News On-Line has the record of circulars and summary of waiver meetings from 1993 to current.

### **ON-LINE RCS NEWS**

The relevant information, circulars and summaries of waivers are sent to general memberships' email address registered with SIA. The on-line dissemination of RCS News has resulted in timely receipt of the information by general membership. Members receive consolidated RCS News on a monthly basis via e-mail. Members also receive the latest circulation on ad hoc basis via e-mail as and when new circulars are issued by the authorities.

# Workplace Safety and Health

---

## INTRODUCTION

The WSH Committee deals with workplace safety and health matters, in particular, in regard to the architectural profession in the construction industry context, and with a focus on design-for-safety ("DfS").

The objectives for the committee for CY2016/2017 were as follows;

- To actively participate in the WSH Council's Construction & Landscape Committee, and, in particular, the Sub-committee on DfS. Also to be a member of WSHC's DfS Regulations Taskforce (including its sub working groups)
- To advise SIA Academy in its organisation of the Design for Safety Professional (DfSP) and Design for Safety Appreciation (DfSA) Course
- To continuously promote design for safety and health as part of the Architect's core competency of architectural design
- To promote Architects as industry leaders in regard to designing for safety and health in buildings.

## WSH (DESIGN FOR SAFETY) REGULATIONS

The Workplace safety & Health (Design for Safety) Regulations which took effect on 1 August 2016, requires stakeholders such as Developers, Designers and Contractors to work together to address the risk at source as far as reasonably practicable, for foreseeable risk(s) borne by the design of the structure (building). In time with this, SIA had organised 4 runs of DfSP and 2 runs of DfSA course.

### DESIGN FOR SAFETY PROFESSIONAL (DFSP)

The DfSP course was implemented to prepare and equip members with the knowledge to identify and address means to eliminate or mitigate the risks inherent in the design of a construction project through conducting DfS review meetings and maintaining a DfS register so as to reduce the safety and health risks during the construction, maintenance/repair phase, and demolition of the building and structure, and coordinate the flow of the construction project safety and health risks information among the stakeholders from the design stage, to construction stage until the handover to the Developer for occupation and maintenance.

Following were the series of DfSP organised:

- 1st run – 14 July 2016
- 2nd run – 28 July 2016
- 3rd run – 25 October 2016
- 4th run – 7 March 2017

### Design for Safety Appreciation (DfSA)

The DfSA was implemented to examine the design-for-safety scheme under the Regulations, and focuses on how designers, developers and contractors can go about meeting their design obligations and avoid pitfalls.

The first run of the DfSA course was held on 10 November 2016 and was attended by 45 participants. The 2nd run is planned for 18 February 2017.

### To promote the Design for Safety in the construction industry

The WSH Committee actively participated in the Design-for-Safety Sub-Committee to the WSH (Construction & Landscape) Committee under the WSH Council. Through this committee & sub-committee, as well as the DfS Regulations Taskforce, the Committee worked closely and provided constructive feedback to WSH Council in promoting the adoption of acceptable practices relating to design for safety, health and welfare at work.

SIA had also hosted the Lunch Session with Construction WSH Leadership Summit Associations on 2 December 2016 to discuss and update each other on the progress of their action plans which focus on six areas spanning the life cycle of construction projects, namely leadership, procurement, Design for Safety (DfS), training, WSH culture, and WSH practices.

# Education Thrust

---



Seah Chee Huang  
Co-Chairperson  
Education Thrust



Kuan Chee Yung  
Co-Chairperson  
Education Thrust

Being one of the core thrusts of the institute, it is imperative that our Education Thrust upholds the highest standard of professionalism amongst the local architectural fraternity. The thrust creates an effective platform for knowledge sharing and acquisition through a host of educational programmes, such as talks, lectures, seminars and courses. This is to aid architects develop competently through constant updating and upgrading of their skills set and knowledge, so as to face increasingly complex issues and challenges in our rapidly evolving built urban environments.

In addition, the avenue of education is also a meaningful way to strengthen the institute's outreach to younger architects & architectural students through knowledge sharing and transfer, to ensure the future generations of practitioners are well engaged and developed.

Educational related programmes that the thrust had conducted for the architectural fraternity under Council 2016-2017 were series of Design Talks, Business Talk, Inspirational Talks, Experiential Visit, BIM Workshop, various Practice Sharing Sessions, SIA Practice Convention, SIA Conference, Architectural Practice Course, and Design for Safety Professional Courses, and Design for Safety Appreciation (DfSA) Course, etc.

We would like to express our sincere gratitude to all distinguished guest speakers, tutors, trainers and moderators as well as our committee members, that had contributed and made it a success for all the activities that the thrust had organised.

The Institute's Education Thrust looks forward to more active and continuous participation from all our members in the coming year.

***Seah Chee Huang / Kuan Chee Yung***  
***Co-Chairmen***, Education Thrust 2016/2017  
Singapore Institute of Architects

## **1. CONTINUING PROFESSIONAL DEVELOPMENT (CPD)**

---

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

Co-Chairpersons:  
Seah Chee Huang  
Kuan Chee Yung

Advisor:  
Ashvinkumar S/O Kantilal  
Chan Eng Chye Theodore  
Goh Chong Chia  
Lim Choon Keang  
Soh Siow Lan Rita

Members:  
Lau Kwong Chung  
Wo Mei Lan  
Ng Lye Hock, Larry (ex-officio)

## **2. SIA CONFERENCE 2016 ORGANIZING COMMITTEE MEMBERS**

---

Co-Chairpersons:  
Seah Chee Huang  
Kuan Chee Yung

Members:  
Leong Tatt Man  
Lim Pin Jie  
Zakiah Supahat (Resource Person)

## **3. JOINT ACCREDITATION PANEL**

---

Chairperson:  
Lau Kwong Chung

Members:  
Seah Chee Huang  
Wo Mei Lan

# CPD

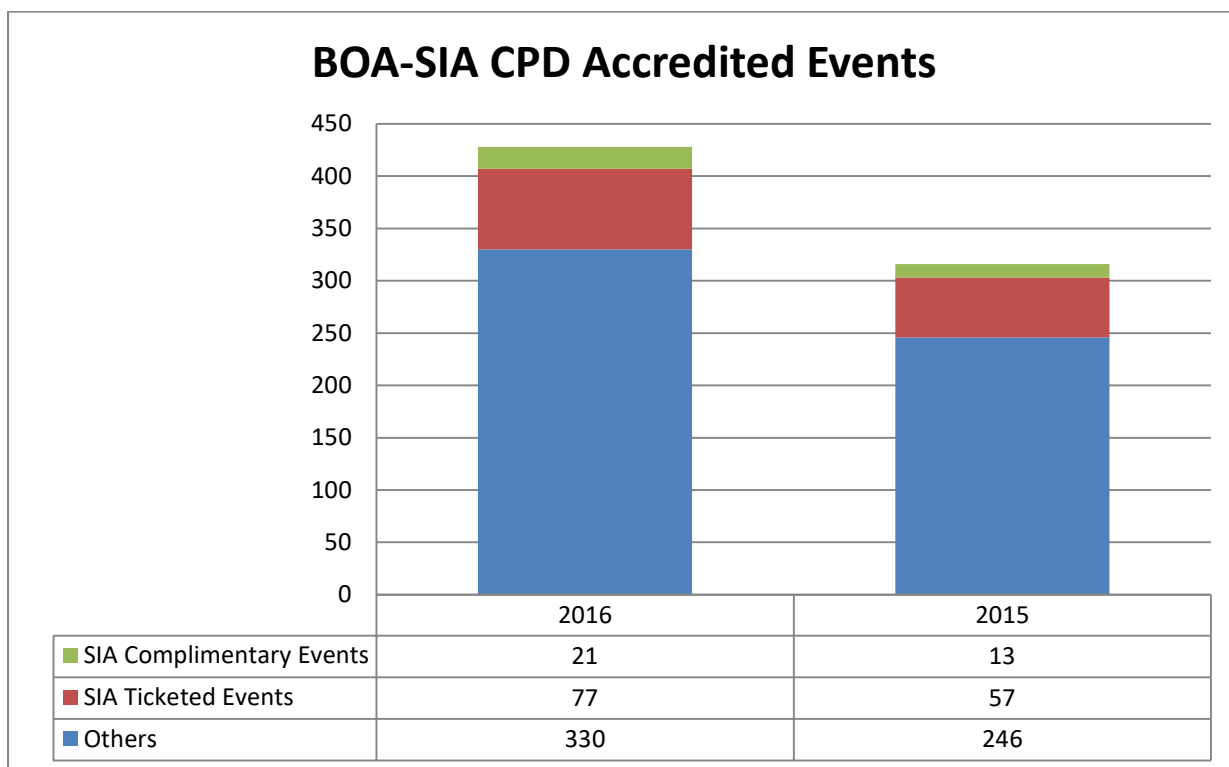
The **BOA-SIA CPD Programme** is a continuing professional development system, developed by the SIA for the professional development needs of architects as a mandatory requirement for the renewal of practicing certificate. The objective is to enable the architects to keep themselves current, acquire new knowledge and skills, plan for the future, and responsibly meet the role society entrusts to a professional. The BOA-SIA CPD Programme aims to assist architects in maintaining their competence and achieving their professional goals. It has the potential to be one of the primary forces in the improvement and revitalisation of the profession.

In order to maintain the programme, the Institute has been working closely with various trade partners over the years to organize seminars, courses and conferences to update, upgrade and educate architects with state-of-the-art professional knowledge.

Through continuous development of their professional knowledge, architects are empowered and better equipped to meet the challenges of ever changing professional practice, rising demand and expectation of their clients, as well as growing competition in local and global arenas.

For the year **2016**, there were a total of **407** CPD accredited events / seminars with **1471 CPD points** conducted in the industry, which was an increase of over 20% as compared to year 2015 of 334 CPD accredited events / seminars with 1206 CPD points. The events / seminars / courses covered a wide range of issues, concerns and professional interest subjects.

Out of the 407 events in the industry, **77** seminars / courses were **organized by the Institute**, of which 56 (with a total of **214 CPD points**) were chargeable events and 21 (with a total of 56 CPD points) were complimentary events for SIA members. This was an increase of 35% as compared to year 2015 with only a total of 57 seminars / courses organized by the Institute consisting of 44 chargeable and 13 complimentary events.



## SIA CONDUCTED EVENTS

Various types of events conducted by the Institute are as follows:

### Professional Knowledge Seminar Series



Since 2012, a “Professional Knowledge Seminar” series was put in place to focus on professional knowledge and learning experience with contents covering technology development, application of materials and systems, advantages and disadvantages, value for money etc. The seminar should be illustrated by applications in real projects, what to look out for when applying the system/product to enable learning from the experience. All Professional Knowledge Seminar series are complimentary for SIA members.

### SIA Inspirational Talks / Business Talks / Experiential Visits / SIA Design Talks, etc



Other than the Professional Knowledge Seminar series that are complimentary for SIA members, an array of refreshing various talks, sharing and courses have also been introduced, for instance, the new series of Design Talks, Business Talks, Inspirational Talks by CEO/Ministers, and Experiential Visits which are also complimentary for SIA members.

As we live in an interdependent world, in which the action of one has impact on others. “No man is an island” - Architects must think beyond its domain and be conscious of the world around us, take cognisance of the inter-play of forces and be relevant and operate more effectively in the conduct of our affairs. Therein lays the motivation behind the series of talks and visits being organized to inculcate awareness and increased consciousness among the architects.

## Practice Sharing Seminars



The Education Thrust had been worked closely with Practice Thrust since 2015 to introduce Practice Sharing Seminars as an updated format of our former 3 SIA Weekend Seminars (May, Aug & Nov). By clustering a couple of events within 1.5 to 2 days, it will not only allow overseas practitioners to fulfil their CPD point requirements but also provide an effective platform to update the local professional on latest development in the industry and hone their skills.

SIA Practice Convention 2016: Regional Opportunities Local Expertise

SIA Practice Convention 2016 held on 15 April 2016 was the 8th Practice Convention organized since its inception in 2009.

As the Singapore AEC markets consolidate around new norms of manpower, regulations and property prices, architects are seeing opportunities around the region for business, partnership, expertise and realizing shared visions. The Convention form panels of experts to discuss practice in the region, focusing on business opportunities and understanding local practices, partnerships that maximizes expertise from different countries, shared visions on design and sustainability, new regional initiatives on new standards in contracts, BIM & regulations and new specialized roles of the architect. By casting our nets further, forming stronger bonds and leading in areas of expertise, SIA Practice Convention 2016 hopes to create a new vision for the next 50 years.

Speakers from the different professions were invited to share their knowledge and experience moderated by Mr Kuan Chee Yung. The following were the speakers and moderators for Practice Convention 2016:

Mr Larry Ng - Registrar, BOA & Group Director (AUDE), URA (Keynote Speaker)

Dr Tan Loke Mun - Director, ArchiCentre Sdn Bhd & Principal, DrTanLM Architect (Regional Business Speaker)

Mr Kuan Chee Yung - Senior Vice President, CPG Consultants

Mr Lawrence Chong - CEO, Consulus Pte Ltd (Regional Business Speaker)

Mr Darren Bengier - Architect (Director), ATA Architects Pte Ltd

Ms Catherine Loke - Partner, Lander Loke Architects

Mr Benjamin Henry Towell - Senior Manager, BCA

Mr Webb Poh - General Manager, DiHub

**We would like to express our thanks to Graphisoft for their generous support for the Convention by sponsoring the event.**

**The next Practice Convention 2017 will be scheduled on 28 April 2017.**

## SIA Conference 2016: SlowCity



**SIA Conference 2016** (formerly known as Archifest Conference) was held on 28 September 2016 at ArchXpo 2016 in conjunction with the Singapore Architecture Festival - ArchiFest.

The Conference is an annual key note event highly anticipated by our fraternity where we witness lively exchanges of ideas and ideologies, from subject experts and thought leaders worldwide about unique challenges and creative solutions for our evolving global urban landscape.

The theme for the SIA conference 2016 was **"SLOWCITY"**. Being a city state, centred in a region with unprecedented urbanisation and growth, where we are consumed in a constant flux and pursuit of instantaneous tangible results, to meet profitability, maximised efficiency and expedience. The Conference presents a strategic platform to take stock, question and explore how alternative movements can be transformative to our way of life. Cues were taken from previously established concepts including Città Slow, Slow Food and Slow Living as sources of inspirations to examine refreshed models of living as well as built environments. In the conference, policy makers, planners, architects, designers, academia shared and discussed how we can be protagonists to create and offer an alternate space, place and pace for our society.

Seven speakers of diverse cultural and professional backgrounds, from five countries, in three continents, were invited to discuss on the conference theme **"SlowCity"** moderated by **Mr Calvin Chua (SUTD)** and **Mr Erik L'Heureux (NUS)**.

The speakers were

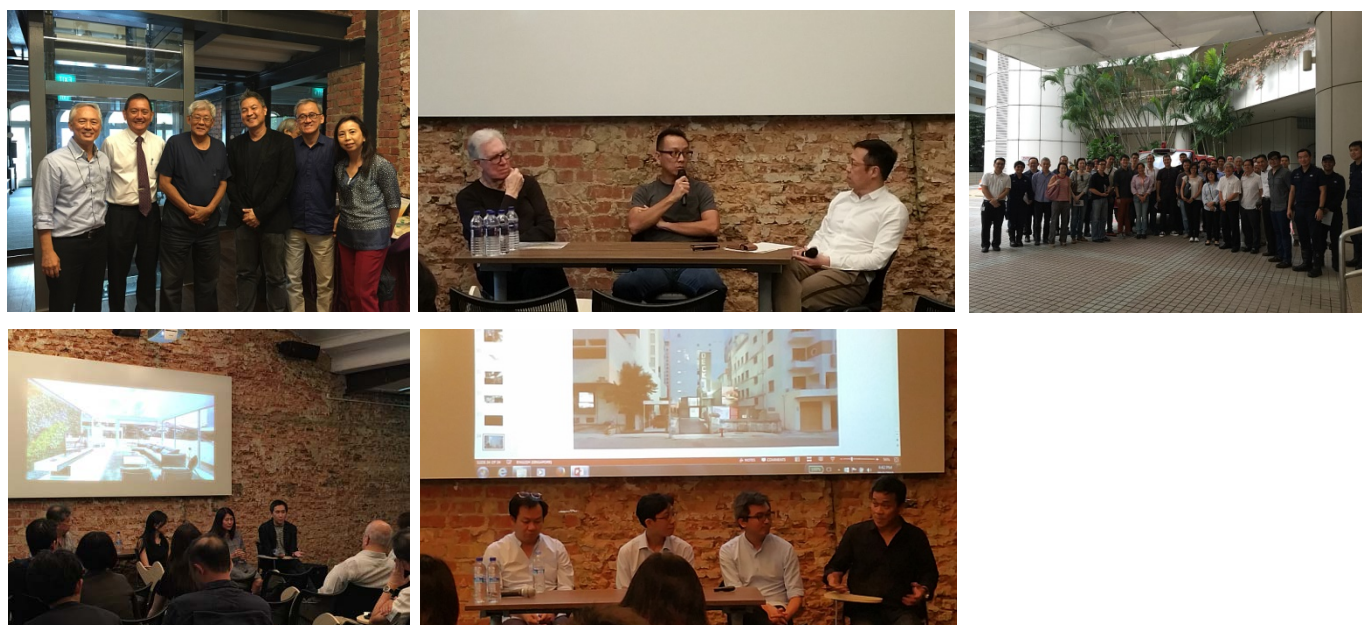
- Mr Martin Duplantier from Martin Duplantier Architectes
- Mr Stanley Lung from Turenscape
- Mr Michael Koh from Centre for Liveable Cities
- Mr Bjorn Low from Edible Garden City
- Mr Ling Hao from Linghao Architects
- Prof Giuseppe Roma from Cittaslow International
- Mr Felipe Correa from Somatic Collaborative LLC

**We would also like to express our gratitude to Conference & Exhibition Management Services Pte Ltd (CEMS) who was our venue sponsor and co-organiser of ArchXpo, Uniseal Singapore Pte Ltd who had sponsored the SIA Hospitality Lounge and Lava East who had sponsored furnitures for the Lounge.**

The next SIA Conference 2017 will be scheduled in October 2017.



Complimentary CPD events/seminars/courses organized by SIA were as follows:-



No	Event	CPD Points
1	SIA Business Talk by Mr Norman Ho: Collective Sales in Singapore	2
2	SIA Design Talk Series by Christina Thean & Warren Liu	4
3	SIA Design Talk Series by Donovan Soon & Francis Goh (FDAT) & Colin Seah (MOD)	4
4	SIA Design Talk Series by Robin Tan & Kerry Hill	4
5	SIA Experiential Visit: First-hand view of how firefighters execute its operation	3
6	SIA Inspirational Talk by DPM Tharman Shanmugaratnam: Our city and people: a future in our own image	4
7	SIA Inspirational Talk by Minister Lim Swee Say: Sustaining growth the "manpower-lean" way	4
8	SIA Inspirational Talk by Mr Liak Teng Lit: Sustainable Building Sustainable City - Forward To The Past?	4
9	SIA-3M Professional Knowledge Series: Urbanization Challenges & Innovative Solutions	2
10	SIA-Big Ass Professional Knowledge Series: Sustainable HVAC Design: Using Air Movement in Air Conditioned Buildings [Postponed from 30 Sep]	2
11	SIA-CEMS-SGA: Asia Facade and Glass Conference 2016	2
12	SIA-Cosentino Professional Knowledge Series: Architect's decisions which improve appearance & durability of buildings (2016)	2
13	SIA-Creatz3D Professional Knowledge Series: Building the Future with 3D Printing	2
14	SIA-Dow Corning Professional Knowledge Series: Silicone contribution to Sustainable Architecture	2
15	SIA-Elmich Professional Knowledge Series: Waterproofing for Below Ground Structures	2
16	SIA-Emix-SEC: SIA Professional Knowledge Series: Understand the Meaning of Going Green	2
17	SIA-Hilti Professional Knowledge Series: Designing Sustainable Facades to Green Mark 2015	2
18	SIA-Puhua Professional Knowledge Series: Role of Diatomite as Building Interior Wall Coating in Sustainable Architecture	3
19	SIA-Rockfon Professional Knowledge Series: Acoustic Seminar Series	2
20	SIA-SSG Professional Knowledge Series: Building with Glass: Aesthetics and Functions	2
21	SIA-W Atelier Professional Knowledge Series: Universal Design Bathrooms for the Elderly in Japan	2

CPD events/seminars/courses that were organized by SIA, with fees charged were as follows:-



No	Event	CPD Points
1	SIA Minor Works Contract Series #5 (re-run)	4
2	SIA Practice Boot Camp Series 1 (BCS 1): When I first began€ □ - How BIM supports the practice	4
3	SIA Practice Boot Camp Series 2 (BCS 2): Why EVERY BIM projects starts off with a BEP	4
4	SIA Practice Sharing Series 1 (PSS 1)	4
5	SIA Practice Sharing Series 2 (PSS 2)	4
6	SIA Practice Sharing Series 3 (PSS 3)	4
7	SIA/IES/NEA/PUB Joint Seminar 2016: Sharing on Design Considerations in NEA and PUB Requirements	5
8	BCA-SIA Green Mark 2015 Workshop	3
9	Challenges to the temporary finality of the Architect's Certificate under Clause 31(13) of the SIA Articles and Conditions of Building Contract in Summary Judgment Applications. How an Architect's Interim Certificate may be tainted by fraud of the Architect	5
10	Design Enterprise	4
11	Performance-Based Design Approach to Fire Safety Waiver Application	6
12	Professional Indemnity Insurance - Do you have enough coverage?	4
13	SIA Minor Works Contract Series #4 (re-run)	4
14	The New Norms in Facade + Lighting! - From Design to Maintenance	4
15	Winning Design Philosophies and Concept Seminar Series 2: 3 Houses - Narrative and Domesticity	4
16	Winning Design Philosophies and Concept Seminar Series 3: New Approaches to Small Projects	4
17	Winning Design Philosophies and Concept Seminar Series 4: From Many to One - Additive Form in Recent Institutional Architecture	4
18	Winning Design Philosophies and Concept Seminar Series 5: Monumentality and Modernity	4
19	Winning Design Philosophies and Concept Seminar Series: Communal Living Reimagined	4
20	Fire Safety Seminar 2016 - Misinterpretation : Fire Code 2013 & Circulars	6
21	SIA Practice Convention 2016: Regional Opportunities Local Expertise	8
22	SIA Conference 2016: SlowCity	8
23	SIA-XCS BIM Management Workshop (BMW)	4
24	Design for Safety Appreciation (DfSA) Course (1st run)	4
25	SIA Design for Safety Professionals (DfSP) Course 2016	6
26	SIA Design for Safety Professionals (DfSP) Course 2016 (re-run)	6
27	SIA Design for Safety for Professionals (DfSP) Course 2016 (3rd run)	6
28	Architectural Practice Course 2016 (29 sessions)	3 each

# Institution Thrust



Tan Szue Hann  
Chairperson  
Institution Thrust

## *A Spirit of Community, and a Sense of Belonging, in these Challenging Times*

The SIA Institution Thrust continues to build a spirit of community and a sense of belonging Institute by conducting programmes that aimed to band our fellow Architects and members closer together.

Working in tandem with the Design, Practice and Education Thrusts, the Institution Thrust focuses on the establishment of SIA as the official professional institute for Architects in Singapore, and enhancing its standing in the eyes of both its members and the public at large.

The SIA Institution Thrust comprises the following committees, chaired / co-chaired by the following SIA members:

Committee	Chairpersons
Membership	Joanne Goh, Christina Thean
SIA Golf Tournament	Khoo Boo Aik
SIA CSR (Corporate Social Responsibility)	Benson Wee, Jeremy Chan
Partnership Programme	Kee Wei Hui, Koh Kai Li
SIA Annual Dinner	Luther Seet, Siow Zhixiang
Young Architects League	Lim Pin Jie, Olivia Tang
Pioneer Archive work	Tay Kheng Soon
Constitution Review	Darren Bengier

Key to this Council Year's developments is on **Membership** online instalment platform, which will be web-enabled and this platform serves as an incentive to the applicants for the payment of membership subscription fees. In recognition of committee members' efforts in committee work, the Council approved a motion to waive a year's membership fees for deserving committee members, who have been an SIA member for three years or less, nominated by their respective Thrust chairs. Six young committee members were granted this waiver of membership fees for 2017.

The **SIA Golf Tournament 2016** drew a total number of 132 golfers, and generated revenue in the region of approximately S\$118,000, amounting to a 59% surplus margin. The upcoming SIA Golf Tournament 2017 is slated on 7 April 2017, at Singapore Island Country Club's Island Course, and we hope it will once again become a strong bonding event for the golfers amongst us!

On the **Corporate Social Responsibility** front, CSR Committee has actively approached non-profit and charitable organisations for possible collaboration on CSR projects. From November to December 2016, CSR Committee got in touch with Running Hour and Club Rainbow, a charity for cancer-stricken children. Many of our members had not only participated in the run, but also helped the children and their families by donating essentials such as school bags. The Institute much appreciates the heartwarming gestures and kind contributions from SIA members, and will continue to work towards more collaboration on CSR projects.

The **Partnership Programme** saw the partnership between SIA and the following strategic partners, established successfully by the Secretariat.

Uniseal	G-Architect Award, Annual Dinner
Roca	Annual Golf Tournament Main Sponsor
Rigel	Annual Dinner
Hunter Douglas	Archifest, Annual Dinner and Open Studio
TECE	SIA Premises donation
Crizto	SIA Premises donation
Sansei	SIA Premises donation
Jaquar	SIA Architectural Design Awards – Building of the Year Award, Annual Dinner

The **Young Architects League (YAL)**, the Institute's channel for the Student and Associate (youth) members, saw a few programmes organised in the last Council Year. These included SIA Members' Night (UNWIND) on 26 August 2016, to welcome new members and provide an opportunity for them to socialize with existing members. Secondly, The Open Studio, themed (UNBUILT DREAMS) was held on 16 December 2016 at SIA Theatre. The Open Studio was a confluence of dialogues in design and the young designers had taken this opportunity to showcase their ideas, while relishing in the open discussions with design professionals. Lastly, the PPE Support Programme which was conducted at SIA premises level 3 on Saturday afternoons to provide support for the Candidates sitting for the Board of Architects Professional Practice Exams. This programme greatly helped the architectural designers to achieve important milestone of becoming a Registered Architect, with SIA being the welcome harbour for these individuals. The programme was also extended to non-SIA members as well, showcasing SIA's commitment towards building a community who may, hopefully, join the fraternity as well. Upcoming Members night will be held on 13 April 2017.

The **SIA Annual Dinner** will be held at Ritz Carlton, on 1st June 2017. We encourage SIA members to sign up for the seats / tables and look forward to a successful and meaningful gathering of the fraternity on the 1st of June!

**Constitution, By-laws and Code of Conduct Review Committee** had an immediate aim of reviewing the Constitution to keep up to date with new changes. These will be effected in an EGM before the closing of the Council Year.

In the coming council year, **Pioneer Archival Committee** in line with the National Library Board's drive to archive valuable work by pioneering Singapore architects. In Year 2016, National Library Board (NLB) initiated the supporting research on Pioneer Architects under their Internship Programme and National University of Singapore (NUS) will be endorsing the internship in Year 2017.

Moving into the new Council Year, the SIA Institution Thrust will continue to ensure that programmes that have begun to gain traction will continue to be developed, and initiatives that have been conceptualised will see their fruition. We also aspire to a larger, yet more closely-knitted architectural fraternity, enabled by the Singapore Institute of Architects.

*Tan Szue Hann*  
*Chairman, Institution Thrust*

---

### **1. ANNUAL DINNER**

[annual\\_dinner@sia.org.sg](mailto:annual_dinner@sia.org.sg)

Chair:  
Luther Seet  
Siow Zhi Xiang

### **2. ANNUAL GOLF**

[annual\\_golf@sia.org.sg](mailto:annual_golf@sia.org.sg)

Chair:  
Khoo Boo Aik

Members:  
Benjamin Tan Gim Hian  
(Resource Person)/(Tournament Director)  
Kan Kon Cheong  
Johnny Tan Cheng Hye (Master of Ceremony)  
Mohan Shanmugam (Souvenir Publications)  
Ronny Chin Hong Oon (Sponsors & Prizes)  
Raymond Tan Eng Teik (Sponsors & Prizes)  
Lee Mun Hoe, PBM  
Lau Kwong Chung

### **3. MEMBERSHIP**

[membership@sia.org.sg](mailto:membership@sia.org.sg)

Co-Chair:  
Christina Thean  
Joanne Goh

Advisor:  
Tan Szue Hann

### **4. CSR**

[csr@sia.org.sg](mailto:csr@sia.org.sg)

Co-Chair:  
Benson Wee  
Jeremy Chan

Advisor:  
Rita Soh  
Theodore Chan  
Luther Seet

### **5. PARTNERSHIP**

[csr@sia.org.sg](mailto:csr@sia.org.sg)

Chair:  
Kee Wei Hui  
Koh Kai Li

Advisors:  
Theodore Chan  
Ashvinkumar

### **6. PARTNERSHIP**

[youth@sia.org.sg](mailto:youth@sia.org.sg)

Co-Chair:  
Lim Pin Jie  
Olivia Tang

Members:  
Jason Lee  
Melvin Keng  
Darius Tham  
Christian Sanjaya  
Wynn Lei  
Aloysius Lian

### **7. CONSTITUTION REVIEW**

[constitution\\_review@sia.org.sg](mailto:constitution_review@sia.org.sg)

Chair:  
Darren Bengier

Members:  
Goh Chong Chia  
Ian Lander  
Chan Seng Kee  
Edward Wong

Advisor:  
Low Siew Joon

### **8. PIONEER ARCHITECTS ARCHIVES**

[sia\\_reference\\_res@sia.org.sg](mailto:sia_reference_res@sia.org.sg)

Chair:  
Tay Kheng Soon

## REPRESENTATION IN EXTERNAL BODIES

### Inter-Professional Games

Khoo Boo Aik

# Events

## PREAMBLE

The main activities for year 2016 are SIA 55th Anniversary Gala Dinner and Annual Golf Tournament.

## SIA ANNUAL DINNER



SIA 55th Anniversary Gala Dinner was held on Thursday 5 May 2016 at Shangri La Hotel Island Ballroom. The evening was graced by Guest-of-Honour, Minister for National Development, Mr Lawrence Wong.

The dinner was well attended with our 1000 guests from the Built Environment including Architects, government officials and allied professionals.

There were a total of 6 booths exhibited at the foyer and the participated exhibitors are as follow:

- Assa Abloy Singapore Pte Ltd
- Creative Lightning Asia (Equipment) Pte Ltd
- D'doubles Pte Ltd
- Height Protection Solutions Pte Ltd
- Knauf Insulation Pte Ltd
- Mages Institute Of Excellence

The highlights of the evening were:-

- Introduction of SIA Council 2016/2017
- Presentation of Token of Appreciation to Guest-of-Honour
- Presentation of Token of Appreciation to Friend of Architecture
- Presentation of Token of Appreciation to SIA Strategic Partners
- Conferment of Fellow to Fellow Life Members
- Conferment of Corporate to Fellow Member
- Presentation of Student Medal Awards

### 1) Introduction of SIA Council 2016/2017

Council 2016/2017 was introduced by SIA President, Mr Ong Tze Boon.

### 2) Presentation of Token of Appreciation to Guest-of-Honour

SIA President presented a token-of appreciation to Guest-of-Honour, Minister for National Development, Mr Lawrence Wong.

### 3) Presentation of Token of Appreciation to Friend of Architecture

The Award recognises their sustained relationship with the Institute for a period of at least 3 years. Through the patronage of the Institute's programmes & activities, these "Friend of Architecture" organisations have contributed to the promotion of the architectural profession.

- Hunter Douglas Singapore Pte Ltd
- Conference Exhibition Management Singapore Pte Ltd
- Graphisoft Singapore Pte Ltd
- Ms Delphine Sng

### 4) Presentation of Token of Appreciation to SIA Strategic Partners

To thank SIA Strategic Partners for their contributions in SIA events, tokens of appreciation were presented to the following:-

- Uniseal Singapore Pte Ltd (Green wall sponsor for annual dinner at reception area)
- Rigel Technology (S) Pte Ltd
- Roca Bathroom Products Singapore Pte Ltd
- TECE South-East Asia Pte Ltd
- Crizto Singapore Pte Ltd
- Sansei Singapura Pte Ltd
- Jaquar & Company Pte Ltd
- Hunter Douglas Singapore Pte Ltd
- Graphisoft Hong Kong Ltd

- Getz Bros. & Co. (S) Pte Ltd

**5) Conferment of Fellow to Fellow Life Members**

The conferment of Fellow (Life) is to honour a Fellow who has contributed significantly to the profession and society.

The recipient has also attained a high standing in the profession that inspires future generations of architects. He has also been a Fellow for at least 10 years.

Mr. Thum Tuck Cheong and Mr. Wong Hong Yan Edward was conferred Fellow Life Member.

**6) Conferment of Corporate to Fellow Member**

The conferment of Fellow is to recognise a Corporate Member who has attained a high standing in the profession, for advancing architecture, and for bringing good repute to the profession.

Mr. Chan Eng Chye Theodore was conferred Fellow Member.

**7) Presentation of Student Medal Awards**

In previous years, the Student Medal Award is presented to the Top students for the Architectural Diploma course from Singapore Polytechnic and one to the best student for the architecture course, Department of Architecture, NUS.

- **Liam Shu-Ling Rachel** from Singapore Polytechnic was presented the Student Medal Award (Silver) for the Architectural Diploma course.
- **Chia Wynn Tat Dominic** from Singapore Polytechnic was presented the Student Medal Award (Gold) for the Best Student in Architectural Diploma course.
- **Sim Jia Wei Estelle** from National University of Singapore was presented the Student Medal Award (Gold) for the Best Student in Architectural course.

Lastly, the Committee would like to express their appreciation to all members and friends for supporting the dinner event.

**SIA ANNUAL GOLF TOURNAMENT 2016**



The SIA Annual Golf Tournament 2016 was held on Friday 1 April 2016 at Tanah Merah Country Club, Tampines Course. The tournament was a resounding success, with 132 players taking part. The Main Sponsor for the tournament was Roca Bathroom Products Singapore Pte Ltd and the Hole-In-One prizes are as follow:-

- Cash S\$130,000 sponsored by Carera Bathroom Pte Ltd
- Cash S\$130,000 sponsored by Nippon Paint (S) Co. Pte Ltd

**Co-Sponsor**

Mitsubishi Electric Asia Pte Ltd

**Goodie Bag Sponsor**

CKR Contract Services Pte Ltd

**T-Shirt Sponsor**

Assa Abloj Entrance Systems Singapore Pte Ltd

**Sponsors-In-Kind**

Cheng Meng Furniture Group (Pte) Ltd



Changi-Light Pte Ltd  
Far East Organisation  
Laguna National Golf and Country Club  
Mitsubishi Electric Asia Pte Ltd  
Nippon Paint (Singapore) Co Pte Ltd  
Prospec Surfaces Pte Ltd  
TECE South-East Asia Pte Ltd  
Zheng Keng Engineering & Construction Pte Ltd

**Corporate Sponsors**

ADDP Architects LLP  
BHCC Construction Pte Ltd  
Carera Bathroom Pte Ltd  
Conference & Exhibition Management Services Pte Ltd  
Daikin Airconditioning (Singapore) Pte Ltd  
Design-Environment Group Architects LLP  
East Asia Engineering & Construction Pte Ltd  
Expand Construction Pte Ltd  
Greatearth Pte Ltd  
Hexacon Construction Pte Ltd  
Hon Industries Pte Ltd  
Interpro Construction Pte Ltd  
Kimly Construction Pte Ltd  
Lim Wen Heng Construction Pte Ltd  
M Metal Pte Ltd  
Ong&Ong Pte Ltd  
Prospec Surfaces Pte Ltd  
Vigcon Construction Pte Ltd  
Viva Industrial Trust Management Pte Ltd  
Wei Siang Design Construction Pte Ltd  
Yongnam Engineering and Construction Pte Ltd  
Zheng Keng Engineering & Construction Pte Ltd

The success was attributed to many organizations for their generous sponsorship which have added value to the event.

The Committee would like to express gratitude to all the sponsors for their continuous support over the years.

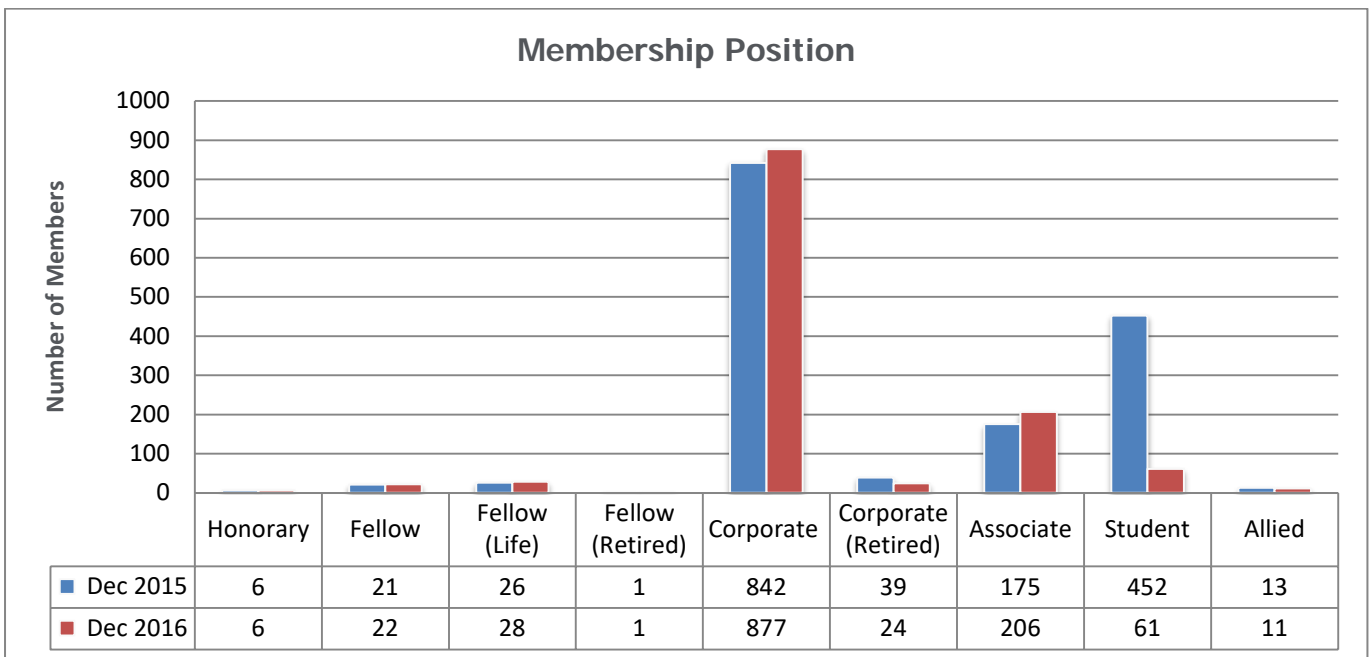
# Membership

## OBJECTIVES

- Increase general membership
- Help maintain good conduct and discipline of general membership
- Promote the benefits of being a SIA Member to the fraternity

## MEMBERSHIP POSITION

In 2016, there were a total of 1236 members in the various categories. This year, the Institute saw the conferment of 2 Fellow (Life) and 1 Fellow, to recognize their seniority in the profession.



## DISCIPLINARY & INQUIRY MATTERS

There was no disciplinary & inquiry case in 2016.

Membership & Disciplinary Committee would like to thank all our members for their kind support and cooperation over the years. The work of the Membership & Disciplinary Committee had been rendered more effectively through our members' support, understanding and cooperation.

# Corporate Social Responsibility

---

## CSR MISSION

To leverage on our unique network to collaborate in partnership with Communities and Groups to achieve a greater social good and a positive improvement in lives.

Over the years, SIA has performed its Corporate Social Responsibility (CSR) in several areas, such as donating to charity, awarding scholarships and prizes to students, involvement in community projects, promoting design for barrier free accessibility, promoting ecological friendly design. To further the institute's CSR initiatives, SIA formed the CSR Committee in 2013. Since the formation of the CSR Panel of Architects, CSR are on the constant look-out for collaborative opportunities for SIA and its members to participate and contribute in worthy social causes through Volunteering and Philanthropy. CSR is currently looking at collaborative efforts with Engineering Good, a Singapore-based non-profit organisation that empowers disadvantaged communities by improving their quality of life through sustainable engineering solutions.

## RENOVATION OF ST JOHN'S HOME

Through the introduction by the National Volunteer & Philanthropy Centre (NVPC), SIA was invited by St. John's Home to help organise a design competition for the redevelopment of the St. John's home for the elderly.

As part of Singapore Institute of Architects(SIA) Corporate Social Responsibility(CSR) initiative, together with St John's Home for Elderly Persons, a two-stage Design Competition was organised to generate new and fresh ideas and secure the best design for its Future-Ready Home for the Aged, providing facilities and services not only to its present residents but to the elderly living in the surrounding precincts i.e. Sennett Estate, Potong Pasir, Joo Seng and Bidadari Town and the wider community.

SIA donated back to St John's Home the entire organising fee of \$30,000 for assisting them to organise the St John's Home for Elderly Persons Architectural Design Competition.

## INITIATIVES WITH RUNNING HOUR AND CLUB RAINBOW

CSR Committee had actively approached non-profit and charitable organisations for possible collaboration on CSR Projects. A circular was sent to members on 25 November 2016, introducing Runninghour and Club Rainbow programme. Runninghour, is an inclusive club that promotes integration of people with special needs through running. On 3 December 2016, members had initiate to join them as running guides at Toa Payoh Stadium, running track with many others participants. Club Rainbow (Singapore) was set up in 1992 to provide a range of comprehensive support services for the families of children who suffer from major chronic and potentially life threatening illnesses. By working closely with KKH, NUH and SGH, Club Rainbow presently helps more than 700 children and their families. During this holiday season, many of our members had help the children and their families by donating needed essentials such as goody bags and school bags.

CSR would like to thank the members for their kind support for our CSR initiatives which we hoping to roll out more in future. We look forward to members' continuous participation in the forthcoming initiatives.

# Partnership

---

The SIA Partnership Programme presents opportunities for organizations and individuals to participate in the Institute's activities, for example:

## SIA Architectural Design Awards

- SIA-Industry Series Awards (customised to the needs of each Partner)
- Archifest
- SIA Annual Dinner
- SIA Annual Golf Tournament
- CPD Programme
- Practice Convention
- Special publications on Architecture
- Members' Night
- The Open Studio

These organizations and individuals can consider participating in various categories of partnership (Platinum, Gold, Silver, Bronze and Supporting Partner).

SIA would like to thank the following **Strategic partners** for their continual support in our events:

- Uniseal Creative Solutions Pte Ltd
- Rigel Technology (S) Pte Ltd
- Roca Bathroom Products Singapore Pte Ltd
- TECE South-East Asia Pte Ltd
- Crizto Singapore Pte Ltd
- Sansei Singapura Pte Ltd
- Jaquar & Company Pte Ltd
- Hunter Douglas (S) Pte Ltd
- Graphisoft Hong Kong Ltd
- Getz Bros. & Co (S) Pte Ltd

## MISSION

To engage and serve the architectural community, aspiring architects as well as architectural students in Singapore. It serves as a platform to foster dialogue and interaction, as well as public outreach, in order to meet the needs and aspirations our younger members.

### Objectively:

- Increase SIA memberships in the 18-40 age group.
- Increase SIA activity participation in the above.
- Create/curate activities that would be of interest and benefit to the above.
- Identify talent and interests within membership and
  - make available for recruitment within other SIA committees, workgroups, etc
  - create / direct to appropriate platforms for dialogue/interaction.

YAL broadens SIA's social media presence by setting up a new Instagram account (sia\_youngarchitectsleague) which seeks to provide up-to-date news on SIA organized events and programmes and also aims to keep the local architecture fraternity informed about the architecture scene in Singapore.

## 2016-2017 ACTIVITIES

Notable events in 2016 -2017 are as follows:

### Members Night (UNWIND)

A membership meet up session "Unwind" was organized on 26 August 2016, taking place at SIA Theatre Level 3, seeing a total of 90 attendees. The event welcomes new members and provides an opportunity for them to socialize with our current members. Mr Theodore Chan, the SIA past President, volunteered his time and band for the opening act of the night. List of sponsors for this event are as follow:

Silver Sponsors:

Polystone (S) Pte Ltd  
VolumeFive Pte Ltd  
Saint-Gobain Malaysia Sdn Bhd  
Nippon Paint (S) Co Pte Ltd

Bronze Sponsor:

BI&L Collections Pte Ltd  
Light Basic Studio Pte Ltd

### PPE Support Programme

PPE Support Programme was conducted from August till November 2016 to provide peer support for the Candidates sitting for the Professional Practice Exams. SIA Level 3 Conference Rooms were opened on Saturdays afternoons for all Candidates to conduct their study group sessions.

For each session, young registered Architects are invited to sit in with the Candidates to advise them in preparing for the exams.

### The Open Studio (UNBUILT DREAMS)

The event was organized on 16 December 2016, taking place at SIA Theatre Level 3. The objective of this event is to promote architectural excellence and provide a platform for open discussion amongst young architects, building professionals, designers and students. Young individuals took this opportunity to showcase their works and share their ideas. 3 Practitioner and 4 Student speakers were invited to present their work. They are:

Practitioner presenters:

Mr Erik L'heureux, Pencil Office and National University of Singapore  
Mr Calvin Chua, Spatial Anatomy and Singapore University of Technology  
Ms Wu Yen Yen, Genome Architects and SIA Council Member

Student presenters:

Ms Seri Binte Sapari and Ms Choo Xin Wenn, National University of Singapore  
Ms Liaw Su Xin and Mr Bryan Lim, Singapore University of Technology

List of sponsors for this event are as follow:

- 1) Ewins Pte Ltd
- 2) Elmich Pte Ltd
- 3) Hansgrohe Pte Ltd
- 4) Hunter Douglas Singapore Pte Ltd
- 5) Prospec Surfaces Pte Ltd
- 6) Sunscreen Singapore Pte Ltd
- 7) Becheras Holdings Pte Ltd

# Constitution Review

---

In the previous Council Year 2015/2016, Council tried to initiate 2 changes – to introduce an amended Allied Membership category and to change Council Year to start from 15 day of May. These initiatives necessitate changes to the Constitution. The two EGMs to seek membership's approval were convened but not held due to insufficient quorum. In view of this, Council felt that it would be timely to introduce electronic voting. This e-voting will facilitate addressing issues as they come along and not be halted by the quorum issue. A Committee was formed and tasked to put forth a proposal for electronic voting.

The EGM held on 22 March 2016 approved the proposal to allow electronic voting only for election of Council.

The Committee took the opportunity to carry out a complete review of the Constitution to bring it in line with current operating needs. It had met 14 times during the Council Year. The following clauses are being discussed, deliberated and debated:

## Allied membership

Allied membership will include

- a) Firms, but as nominees.
- b) As Individual, but only those with SIA-recognized Architectural qualifications (e.g. Singapore polytechnic graduates\*)
- c) As individual, but only those in an Allied profession as recognized by SIA.

## Electronic voting

Proposal to allow electronic voting for election of Council was approved during the EGM on 22 March 2017. A mock up has been set up for testing. The electronic voting will only be commencing after amendment under the Constitution.

## Quorum/e-votes for EGM involving change to Constitution

Constitution Review Committee discussed whether there is a need to change the number of quorum since there is large number of SIA members in the Institute however they reviewed that there is no compelling rationale to change the quorum and their final decision that the change of quorum is not required.

## Membership -Retired

Constitution Review Committee debated there should not be a Corporate (Retired) category as the word "retired" is demeaning and the Corporate members on retiring should be based on a lower subscription and not classify under a category.

A Constitution Review meeting was held on 29 July 2016 attended by SIA President, Institution thrust Chair and Constitution Review Committee. All have come to consensus that the "retired" category remains unchanged.

## Clauses to be amend –Membership (Acting outside of Constitution)

Existing:

*Clause 4.2(8) There shall be four groups of Associate Members:*

*(iv) Persons who have undergone and completed a course of education in architecture in schools or universities accepted by the Board of Architects of Singapore. Persons who join as Associate Members **immediately upon graduation** may enjoy a reduced membership fee for the **first 3 years**.*

*(v) Persons who join as Associate Members immediately upon graduation may enjoy a reduced membership fee for the first 3 years as Associate Members*

Membership Committee proposed the following new reduced Associate membership fee for new graduates.

For applicants who join as Associate Members **within 6 months of their graduation date**. Such Associate members may enjoy a reduced membership fee for **the first 4 years** as Associate Members.

- The Entrance Fee for Associate Member remains at S\$500.00 (inclusive of 7% GST).
- 1st Year Annual Subscription S\$ 50.00 (inclusive of 7% GST)
- 2nd Year Annual Subscription S\$ 100.00 (inclusive of 7% GST)

- 3rd Year Annual Subscription S\$ 150.00 (inclusive of 7% GST)
- 4th Year Annual Subscription S\$ 200.00 (inclusive of 7% GST)

The above proposed structure is contrary to the current SIA Constitution. Council agreed with Membership proposal and requested Constitution Committee to actively revise the SIA Constitution.

### Representation of BOA Registrar on Council

Concerns were raised during the Constitution Review Committee meeting as follow:

- a) The Registrar was not a Member of Board.
- b) The Registrar was not an Architect, only the employee of the Board.

Constitution Review Committee mentioned that in the Previous Constitution, it has no Registrar sitting on the Council thus they had discussed to rewrite clauses 6.1 due to the bad drafting.

#### Clause 6.1 Composition

*Existing:*

*A Council consisting of:*

*(iv) the President or an Architect Board Member or the Registrar of the Board of Architects, Singapore; shall be elected at each Annual General Meeting of the Institute, except for the President or an architect who is a member of the Board of Architects, Singapore, who shall be ex-officio member.*

#### Proposed changes:

"... shall be elected at each Annual General Meeting of the Institute, except for the President or an Architect Board Member or the Registrar of the Board of Architects, Singapore, who shall be ex-officio member."

The Constitution Review Committee also asked Council to consider that Registrar may not be a registered architect before making their decision.

Further, the Constitution Review Committee suggest that Council consider adding:

"... shall be elected at each Annual General Meeting of the Institute, except for the President **or** an Architect Board Member **or** the Registrar of the Board of Architects, Singapore, as nominated by the President Board of Architects, Singapore, who shall be ex-officio member, **subject to acceptance of the nominee by Council.**"

Council agreed with the suggestion to add "subject to acceptance of the nominee by Council".

Council noted that the proposed review only allow 1 BOA representative as ex-officio member. Council felt that it will be beneficial for SIA if the Constitution allows more BOA representatives to be on Council if need arises. Council proposed to have the Registrar and President or up to 2 Board Member to represent BOA on Council. This was discussed during the council meeting on 19<sup>th</sup> October 2016.

### Expert Determinator and Witness

Constitution Review Committee reviewed on the clause and discussed that the intention was to allow the expert witness come to us therefore they suggested adding a new clause 2.30 as follow:

#### 2.30

To provide a platform for Corporate Members, Fellows and Fellows (Life) to declare publicly their proficiencies and expertise so as to promote architects within the construction industries and the wider economy.

### Architectural Design Competition Rules

#### Code of Professional Conduct and Ethics Part 1 (CPCE1) Rule 10

10.–(1) An architect shall not take part in an architectural competition where -

- (a) the Board has previously issued a warning against taking part in that competition; or

(b) the competition is held otherwise than in accordance with any rules approved by the Board for the purpose of such competition.

(2) An architect shall not –

(a) be associated in any way with the carrying out of any work involving a design which was selected as a result of taking part in a competition held in any of the circumstances specified in sub-paragraph (1)(a) or (b); or

(b) attempt in any way to secure work for which a competition has been held

unless –

(i) he is a competitor in that competition; and

(ii) such work is secured in accordance with the rules of the competition that are in force.

Instead of incorporating the SIA Design Competition Guidelines into the SIA Constitution, Council proposed to update SIA Design Competition Guidelines and lobby BOA to support the SIA Design Competition Guidelines as one of the rules under CPCE1 Rule 10. Architect Appointment and Design Competition Committees were requested to review the SIA Design Competition Guidelines. This was discussed during the council meeting on 19 October 2016.

The Constitution Review Committee refers to the above section 10(1) & (2) of the Code of Professional Conduct and Ethics under the Schedule to the Architects (Professional Conduct and Ethics) Rules and during the Council meeting on 14 December 2016, the Committee proposed in writing to BOA requesting to have the status of SIA Architectural Competition Rules (Design Competition Guidelines) to be recognised as being approved by the Board. However, Prof Richard Ho does not see the relevance of seeking BOA endorsement as BOA did not approve any rules and SIA had been conducting design competitions. He added that under BOA there is a committee that is looking into the procurement of services which include unfair competitions. Hence it is premature for SIA to write to BOA to recognise SIA Design Competition Rules. Council agreed for SIA representative on the Board to check with BOA on whether BOA has any approved competition rules.

### **Scale of Fees**

Constitution Review Committee had proposed to seek clarification with BOA on the issue of scale of fees in view that Competition Commission of Singapore (CCS) view this as contrary to the Competition Act. President shared that BOA is in support of a guideline and also aware of CCS position and is pursuing the matter with the Ministries. Council agreed that it is premature to send the letter.

### **Loosen up the Constitution -to give greater autonomy to Council**

The Constitution Review Committee intends to address provisions in the Constitution which might better provide that the matter be left to Council to deal with in the manner Council sees fit. Committee is mindful that Council consists of members and office-bearers elected to serve the best interests of the membership, and the Constitution should reflect the will of the membership as to the level of autonomy that Council should have. Council has been invited to feedback via email to Constitution Review Committee (constitution\_review@sia.org.sg) on any provision in the Constitution that they think might stifle Council.



# Pioneer Architects Archive

---

## Background

The National Library Board has set up a committee for archiving works of pioneering architects. The eventual aim is to set up a repository for pioneer architects and their works. This committee comprises members of BOA, SIA, NUS and URA. The role of SIA is to shortlist, propose and research for the works to be archived. Prof Tay Kheng Soon briefed that the project was incubating since 2 to 3 years ago from Ms Rita Soh when she is the President of BOA. Currently is hand over to Mr Ong Tze Boon, President of SIA.

## Pioneer Architects Archive project

National Library Board (NLB) initiated the supporting research on Pioneer Architects under their Internship Programme and National University of Singapore (NUS) will be endorsing the internship. The opening was called for AKI-students with keen research interest in Singapore architectural history and its pioneers. 6 AKI-students were selected and these interns will be working under Prof Tay Kheng Soon, Prof Wong Yunn Chii, some appointed staffs from the Department of Architecture-NUS and other IHLs to develop this meaningful and important piece of historical documentation of Singapore architectural history.

Professor Wong Yunn Chii, the Head of Architecture of NUS, will propose the list of pioneers to be worked on for the next 2 to 3 years. He also shared that the Singapore Pioneer Architects Archive project would be expanded beyond the 1st batch of Singapore Polytechnic Architecture graduates (ie SP Pioneer Architects) to include architects who were educated overseas (which he termed as pre-pioneer batch).

The interns will be conducting interviews and do a listing of what the pioneers have in their collections. Collection sorting and listing of SIA archives comprises such as the old magazines (e.g Malayan Architect), the architectural drawings from past SIA awards submission, Winners of President Design Awards Architects and drawings and plans of significant buildings in Singapore etc.

Pioneer Architects Archive is a unique historical project and will bring the interns into contact with an earlier generation of architects and allow for access into and the development of a unique archive. The information not just on a purely architectural level but also on an ethnological level so there are many dimensions. The project estimate takes about 3 to 4 years to complete.

# Events & Activities

## January 2016

05 Jan 2016	CIJC 90 <sup>th</sup> Meeting
06 Jan 2016	RCS Building Control & Park Sub-Committee Meeting
06 Jan 2016	BOA Board Meeting
07 Jan 2016	RCS FSSD Waiver Meeting
07 Jan 2016	Invitation to Symposium on A Cleaner, Greener and Smarter Home
08 Jan 2016	RCS BCA Waiver Application Panel Meeting
08 Jan 2016	Archifest Meeting on Singapore City Development Tours
11 Jan 2016	Design Thrust Committee Meeting
11 Jan 2016	RCS Fire Safety & Security Sub-Committee Meeting
11 Jan 2016	Productivity Gateway Advisory Panel Meeting
12 Jan 2016	Extraordinary General Meeting
12 Jan 2016	Dialogue between SIA, IES, ACES, REDAS, SCAL, PUB and NEA
12 Jan 2016	ADRP 2016
13 Jan 2016	Administrative & Finance Committee Meeting #9
13 Jan 2016	Council Meeting #5
13 Jan 2016	RCS BCA Waiver Application Panel Meeting
13 Jan 2016	MCI's Annual Appreciation Dinner 2016
14 Jan 2016	RCS FSSD Waiver Meeting
15 Jan 2016	SIA Practice Boot Camp Series 1 (BCS 1): "When I first began" - How BIM supports the practice
15 Jan 2016	BCA-REDAS Built Environment and Property Prospects 2016 Seminar
15 Jan 2016	Sustainability Committee Meeting
15 Jan 2016	SIA Practice Boot Camp Series 2 (BCS 2): "Why EVERY BIM projects starts off with a BEP"
18 Jan 2016	RCS Research & Standard Sub-Committee Meeting
18 Jan 2016	RCS ENV Sub-Committee Meeting
19 Jan 2016	PADC Meeting
21 Jan 2016	Institution Thrust Meeting
21 Jan 2016	BOA/PEB/Law Soc Taskforce – SCAL-REDAS-BCA D&B Contract Conditions and Insurance
22 Jan 2016	RCS Committee Meeting #3

25 Jan 2016	ADRP – Canberra MRT Station
25 Jan 2016	IGBC 2015 Thank You Reception & IGBC 2016 Launch Event
26 Jan 2016	Constitution Review Committee Meeting
27 Jan 2016	Practice Thrust Meeting #5
27 Jan 2016	SIA: Winning Design Philosophies and Concept Seminar Series: Communal Living Reimagined
27 Jan 2016	Productivity Gateway Advisory Panel Meeting
28 Jan 2016	RCS FSSD Waiver Meeting
28 Jan 2016	SMAP MWC Seminar Series #4 Speakers Meeting
28 Jan 2016	SMAP MWC WG – Meeting on Feedback Received From ADR Committee on Draft MWC Sub-Contract
28 Jan 2016	WSH Council Chairman's Appreciation Lunch and Workplan Sharing 2016
28 Jan 2016	SMAP Committee Meeting #4
28 Jan 2016	RCS BCA Waiver Application Panel Meeting
28 Jan 2016	BCA Construction Productivity Centre Advisory Panel
29 Jan 2016	SIA-XCS BIM Management Workshop (BMW)
29 Jan 2016	Redevelopment of Red Cross House – Briefing and Site Walkthrough
29 Jan 2016	BCA 4 <sup>th</sup> Engineered Wood Flooring GIP TC Meeting
30 Jan 2016	SIA-XCUBE BIM Management Workshop (Day 2)
30 Jan 2016	New Building Contracts Sub-Committee Meeting

## February 2016

01 Feb 2016	SIA-Getz Architecture Prize Meeting
02 Feb 2016	WSHC (Construction & Landscape) Committee Meeting
03 Feb 2016	RCS Building Control & Park Sub-Committee Meeting
03 Feb 2016	Meeting with BCA on iNQOS
04 Feb 2016	New Building Contracts Sub-Committee Meeting
04 Feb 2016	Invitation for Tea Session for the Nominations of Members of Parliament
10 Feb 2016	Administration & Finance Committee Meeting #10
10 Feb 2016	Special Council Meeting for the

10 Feb 2016	Nomination of NMP Meeting on Architect Exchange Programme 2016	25 Feb 2016	Sustainability Committee Meeting
10 Feb 2016	RCS BCA Waiver Application Panel Meeting	25 Feb 2016	Meeting with BCA on International Tropical Design Competition
10 Feb 2016	Green Mark 2016 Appreciation & Chinese New Year Lunch for GMv4 Taskforce	25 Feb 2016	RCS BCA Waiver Application Meeting
11 Feb 2016	Meeting with SILA	25 Feb 2016	URA Conservation Guidelines Review Panel Meeting
11 Feb 2016	RCS FSSD Waiver Meeting	25 Feb 2016	Annual Dinner Meeting
11 Feb 2016	New Building Contracts Sub-Committee Meeting	25 Feb 2016	Meeting with SIACAD
12 Feb 2016	BOA Chinese New Year Appreciation Lunch and Board Meeting	26 Feb 2016	IADTF Meeting
14 Feb 2016	New Building Contracts Sub-Committee Meeting	26 Feb 2016	Singapore Creative CSR Awards 2016 Judging
14 Feb 2016	Professions Functional Group NMP Shortlist Meeting	29 Feb 2016	Conservation Advisory Panel (CAP) Meeting
16 Feb 2016	Meeting on Archiving Works of Pioneer Architects		
17 Feb 2016	RCS Development Control Sub-Committee Meeting	<b>March 2016</b>	
18 Feb 2016	RCS BCA Waiver Application Panel Meeting	02 Mar 2016	Design Thrust Committee Meeting
19 Feb 2016	BCA-CIJC Meeting	02 Mar 2016	RCS Building Control & Park Sub-Committee Meeting #9
19 Feb 2016	BOA Pre-Submission Briefing under Section 15(1)(c)	02 Mar 2016	YAL: Visit by Indian Architecture Students
22 Feb 2016	RCS Fire Safety & Security Safety Sub-Committee Meeting	02 Mar 2016	Publication Meeting
22 Feb 2016	RCS Research & Standard Sub-Committee Meeting	03 Mar 2016	ADR Committee Meeting
22 Feb 2016	RCS ENV Sub-Committee Meeting	03 Mar 2016	Meeting with BCA on ITADC
22 Feb 2016	Singapore Creative CSR Awards 2016 Judging	03 Mar 2016	CAG Briefing on the Development of Changi East at Changi Airport
23 Feb 2016	RIWG Meeting	04 Mar 2016	SIA Practice Sharing Series 1 (PSS 1)
24 Feb 2016	URA Cycling Forum	04 Mar 2016	SIA Practice Sharing Series 2 (PSS 2)
24 Feb 2016	PADC Meeting	04 Mar 2016	Meeting with Speaker, Moderator and Panelist on Why Architect? Forum
24 Feb 2016	SIA Experiential Visit to Environment Building	04 Mar 2016	BOA Board Meeting
24 Feb 2016	Constitution Review Committee Meeting	04 Mar 2016	ACES 45 <sup>th</sup> Anniversary Gala Dinner
24 Feb 2016	IACC Meeting	05 Mar 2016	SIA Practice Sharing Series 3 (PSS 3)
24 Feb 2016	SIA: Winning Design Philosophies and Concept Seminar Series 2: 3 Houses - Narrative and Domesticity	07 Mar 2016	Council Meeting #5
25 Feb 2016	Meeting with SIACAD	08 Mar 2016	Constitution Review Committee Meeting
25 Feb 2016	SIA: SIA Minor Works Contract Series #4 (re-run)	08 Mar 2016	SMAP Why Architect? Forum in Conjunction with SingaPlural 2016
25 Feb 2016	RCS FSSD Waiver Meeting	08 Mar 2016	Meeting with B-DNA Members
25 Feb 2016	Post Construction WSH Leadership Summit Kopi Session with Minister of State	10 Mar 2016	Archiving of Pioneer Works Meeting
		10 Mar 2016	Design 2025 Masterplan Media Conference
		10 Mar 2016	IFFS/AFS Best Stand Award Judging

14 Mar 2016	RCS Fire Safety & Security Sub-Committee Meeting		
15 Mar 2016	Meeting with BCA on Public Sector Panels of Consultants (PSPC)		
15 Mar 2016	Building Contracts Meeting with SIAC		
17 Mar 2016	Security of Payment (SOP) Taskforce Meeting		
18 Mar 2016	SIA-Getz Architecture Prize Meeting		
18 Mar 2016	DAP Appreciation Lunch		
18 Mar 2016	Japan-Singapore Architecture Forum		
19 Mar 2016	Building Contracts Sub-Committee Meeting		
21 Mar 2016	RCS Research & Standard Sub-Committee Meeting		
21 Mar 2016	RCS Environment Sub-Committee Meeting		
21 Mar 2016	ASD's Distinguished Industry Speaker Series		
22 Mar 2016	Annual General Meeting		
22 Mar 2016	Extraordinary General Meeting		
22 Mar 2016	SIA: BCA-SIA Green Mark 2015 Workshop		
22 Mar 2016	CIJC Meeting #91		
22 Mar 2016	BCA-SIA Green Mark 2015 Workshop		
22 Mar 2016	Official Launch of NUS-CDL Smart Green Home and NUS-CDL T-Lab Programme		
22 Mar 2016	SGBC AGM		
23 Mar 2016	Building Contracts Meeting with Legal Advisors		
24 Mar 2016	RCS FSSD Waiver Meeting		
24 Mar 2016	RCS BCA Waiver Application Panel Meeting		
24 Mar 2016	BOA Focus Group on Education Issues and Accreditation Criteria		
29 Mar 2016	Red Cross House Redevelopment Committee Meeting		
30 Mar 2016	SIA: Winning Design Philosophies and Concept Seminar Series 3: New Approaches to Small Projects		
30 Mar 2016	PADC Meeting		
30 Mar 2016	REACH Post-Budget 2016 Public Forum		
31 Mar 2016	SIA Inspirational Talk by Mr Liak Teng Lit: Sustainable Building, Sustainable City - Forward To The Past?		
31 Mar 2016	SIA Website Meeting		
		<b>April 2016</b>	
		01 April 2016	SIA Annual Golf Tournament 2016
		01 Apr 2016	RCS DCG-SIA/SIP/REDAS/ ACES Dialogue
		05 Apr 2016	JTC-SIA Good Practice Guide Appreciation Dinner
		05 Apr 2016	SMAP Meeting with SPRING on ISO 9001:2015 and Business Excellence
		06 Apr 2016	SIA-SSG Professional Knowledge Series: Building with Glass: Aesthetics and Functions
		07 Apr 2016	SIA Design Talk Series by Donovan Soon & Francis Goh (FDAT) & Colin Seah (MOD)
		07 Apr 2016	8 <sup>th</sup> NPQS Building Control & Park Sub-Committee Meeting
		07 Apr 2016	SMAP MWC-WG Meeting
		08 Apr 2016	ArchXpo Appreciation Dinner
		11 Apr 2016	RCS Fire Safety & Security Sub-Committee Meeting #1
		11 Apr 2016	1 <sup>st</sup> Stage DAP
		11 Apr 2016	BOA Focus Group Meeting
		12 Apr 2016	Architect's Appointment Committee Meeting #1
		12 Apr 2016	Red Cross House Redevelopment Committee Meeting
		14 Apr 2016	RCS FSSD Waiver Meeting
		14 Apr 2016	ADR Committee Meeting #1
		14 Apr 2016	RCS BCA Waiver Meeting
		15 Apr 2016	SIA Practice Convention 2016: Regional Opportunities, Local Expertise
		15 Apr 2016	Career Talk @ Raffles Institution
		18 Apr 2016	RCS Research & Standard Sub-Committee Meeting #1
		18 Apr 2016	RCS Environment Sub-Committee Meeting #1
		18 Apr 2016	Institution Thrust Meeting
		18 Apr 2016	SBG's UNESCO World Heritage Site Management Committee Meeting
		19 Apr 2016	St John's Home Design Competition Briefing Session
		19 Apr 2016	Inter Agency Dengue Task Force Meeting – 03/16
		20 Apr 2016	Administration & Finance Committee Meeting #1
		20 Apr 2016	Council Meeting #1
		20 Apr 2016	RCS Dialogue with PUB
		20 Apr 2016	Practice Thrust Meeting #1
		21 Apr 2016	SIA Minor Works Contract Series

	#5 (re-run)				for External Examiners
21 Apr 2016	Tender for Redevelopment of Red Cross House – Presentation by Shortlisted Firms	06 May 2016			BCA-SMU-WDA Graduation Ceremony 2016
21 Apr 2016	CPSTC 2/2016 Meeting	09 May 2016			BCA-SIA Lunch Dialogue
22 Apr 2016	Constitution Review Committee Meeting	09 May 2016			RCS Fire Safety & Security Sub-Committee Meeting #2
22 Apr 2016	CIJC SOP Taskforce Meeting #2	09 May 2016			SIA Conference Organising Team Meeting #1
23 Apr 2016	BOA Retreat	10 May 2016			CIJC 92 <sup>nd</sup> Meeting
26 Apr 2016	WSHC (Construction & Landscape) Committee	11 May 2016			Administration and Finance Committee Meeting #2
27 Apr 2016	SIA: Winning Design Philosophies and Concept Seminar Series 4: From Many to One - Additive Form in Recent Institutional Architecture	11 May 2016			YAL Meeting for YAL Award 2016
28 Apr 2016	SIA Premises Coordination Meeting on Outstanding Works	12 May 2016			RCS FSSD Waiver Meeting
28 Apr 2016	SIA-Puhua Professional Knowledge Series: Role of Diatomite as Building Interior Wall Coating in Sustainable Architecture	12 May 2016			Archifest Pavilion Briefing
		12 May 2016			ADR Committee Meeting #2
		12 May 2016			RCS BCA Waiver Application Panel Meeting
28 Apr 2016	RCS BCA Waiver Application Panel Meeting	13 May 2016			Constitution Review Committee Meeting
28 Apr 2016	ASA National Convention 2016 cum ASA-SIA Meeting	13 May 2016			BCA Technical Committee for Good Industry Practices Guide on Agglomerated Stone
29 Apr 2016	Constitution Review Committee Meeting	13 May 2016			BCI Awards 2016 Ceremony Dinner
29 Apr 2016	ASA National Convention 2016 cum ASA-SIA Meeting	14 May 2016			Building Contracts Sub-Committee Meeting
30 Apr 2016	ASA National Convention 2016 cum ASA-SIA Meeting	16 May 2016			St John's Home for Elderly Persons Architectural Design Competition – Stage 1 Closing
		16 May 2016			SIA Conference Organising Team Meeting #2
		16 May 2016			9 <sup>th</sup> NPQS Steering Committee Meeting
		16 May 2016			RCS Research & Standard Sub-Committee Meeting #2
03 May 2016	Research & Standard Meeting with Speakers	16 May 2016			RCS Environment Sub-Committee Meeting #2
03 May 2016	Meeting with STB on City Architecture Tours	17 May 2016			Architect's Appointment Committee Meeting #2
04 May 2016	BCA Focus Group Discussion on Accessibility Legislation for Existing Buildings	18 May 2016			SIA: Winning Design Philosophies and Concept Seminar Series 5: Monumentality and Modernity
04 May 2016	Design Thrust Meeting				Career Talk @ Catholic Junior College
04 May 2016	BOA Board Meeting	19 May 2016			RCS BCA Waiver Application Panel Meeting
05 May 2016	SIA Annual Dinner 2016	20 May 2016			Design Competition Meeting with Mandai Rainforest Safari Park
05 May 2016	RCS FSSD Waiver Meeting	23 May 2016			iNPQS Internal Meeting – ACES/IES/SIA
05 May 2016	RCS BCA Waiver Application Panel Meeting	25 May 2016			PADC Meeting
06 May 2016	BCA Consultation Session on The Implementation of Façade Inspection Regime	25 May 2016			SIA-Emix-SEC: SIA Professional
06 May 2016	RCS Building Control & Park Sub-Committee Meeting #1	26 May 2016			
06 May 2016	NUS-SIA Appreciation Dinner				

	Knowledge Series: Understand the Meaning of Going Green	13 Jun 2016	SIAC
26 May 2016	St John's Home Design Competition – Stage 1 Judging	14 Jun 2016	Institution Thrust Meeting
26 May 2016	RCS BCA Wavier Application Panel Meeting	14 Jun 2016	SIA: Architectural Practice Course 2016 (Lesson 2)
26 May 2016	Archifest Committee Meeting		BCA Networking Lunch with Participants of the Teachers Attachment Programme
26 May 2016	BCA Awards 2016 Ceremony	15 Jun 2016	Administration and Finance Committee Meeting #3
30 May 2016	RCS Fire Safety & Security Sub-Committee Meeting #3	15 Jun 2016	Council Meeting #2
30 May 2016	URA Conservation Advisory Panel (CAP) Meeting	15 Jun 2016	SMAP Meeting #1
31 May 2016	Signing of SIA-SILA Agreement	15 Jun 2016	Building Contracts Meeting to discuss on Collaboration with SIAC on International Arbitration
31 May 2016	Sustainability Committee Meeting	15 Jun 2016	Practice Thrust Meeting
		15 Jun 2016	SIA Archiving Works by Pioneer Architects Meeting
<b>June 2016</b>			
01 Jun 2016	SIA: Architectural Practice Course 2016 (Introduction)	15 Jun 2016	Archifest Committee Meeting
01 Jun 2016	Building Contracts Meeting with Legal Advisors	16 Jun 2016	SIA Design Talk Series by Christina Thean & Warren Liu
01 Jun 2016	BOA Board Meeting	17 Jun 2016	SIA: Fire Safety Seminar 2016 - Misinterpretation : Fire Code 2013 & Circulars
02 Jun 2016	Partnership Programme Committee Meeting	17 Jun 2016	Archifest: Closing of Pavilion Design Competition
02 Jun 2016	Annual Briefing to MND Family Boards	20 Jun 2016	Archifest: Judging of Pavilion Design Competition
03 Jun 2016	SIA Inspirational Talk by Minister Lim Swee Say: Sustaining growth the "manpower-lean" way	20 Jun 2016	RCS Environment Sub-Committee Meeting #3
03 Jun 2016	Membership Committee Meeting	21 Jun 2016	SIA: Architectural Practice Course 2016 (Lesson 3)
06 Jun 2016	Meeting with BCA on RTO Proposal	21 Jun 2016	NPQS Internal Meeting between ACES/IES/SIA
07 Jun 2016	SIA: Architectural Practice Course 2016 (Lesson 1)	21 Jun 2016	ENV Dialogue between SIA, IES, ACES, REDAS, SCAL, PUB and NEA
07 Jun 2016	Partnership Programme Committee Meeting	21 Jun 2016	1 <sup>st</sup> Inter-Professional Games (IPG) 2016 Organising Committee Meeting
09 Jun 2016	ADR Committee Meeting #3		Archifest Pavilion Competition Judging
09 Jun 2016	Industry Consultation on Proposed Amendments to EPH (Swimming Pools) Regulations and Code of Practice on Environmental Health	21 Jun 2016	Meeting on SIACAD Matters
09 Jun 2016	ACES Golf 2016	22 Jun 2016	SIA: Architectural Practice Course 2016 (Lesson 4)
09 Jun 2016	Industry Consultation on Proposed Amendments to EPH (Swimming Pools) Regulations and Code of Practice on Environmental Health	22 Jun 2016	SCAL – Construction Safety Promotion Campaign 2016
10 Jun 2016	SIA-Creatz3D Professional Knowledge Series: Building the Future with 3D Printing	22 Jun 2016	Meeting on Mandatory RTO Scheme
10 Jun 2016	Constitution Review Committee Meeting	23 Jun 2016	Archifest Pavilion Competition Presentation by Shortlisted Firms
13 Jun 2016	Building Contracts Meeting with	23 Jun 2016	WSH Construction Leadership Summit: Kopi/Lunch Session with Associations
			Ngee Ann Polytechnical School

	of Design & Environment Advisory Committee Meeting	12 Jul 2016	Course 2016 (Lesson 7) ACGSA Roundtable Discussion in Colombo Sri Lanka
24 Jun 2016	RCS Development Control Sub- Committee Meeting	13 Jul 2016	SIA: Architectural Practice Course 2016 (Lesson 8)
24 Jun 2016	SIA Premises Meeting with Designer	13 Jul 2016	St John's Home Design Competition - Stage II Closing
24 Jun 2016	SJI CRC Meeting		YAL Committee Meeting
24 Jun 2016	RCS DCG-SIA/SIP/REDAS/ACES Dialogue	13 Jul 2016 13 Jul 2016	ABC Waters Seminar – Creating Sustainable Solutions for Liveable Cities and ABC Waters Certifications 2016
27 Jun 2016	YAL 1 <sup>st</sup> Committee Meeting		ACGSA Roundtable Discussion in Colombo Sri Lanka
27 Jun 2016	NUS Designing Resilience in Asia Programme		SIA Design for Safety Professionals (DFSP) Course 2016 – Day 1
28 Jun 2016	SIA: Architectural Practice Course 2016 (Lesson 5)	13 Jul 2016	ADR Committee Meeting
28 Jun 2016	iNPOQS – Briefing by SIACAD on iNPOQS prototype	14 Jul 2016	Archifest Committee Meeting
28 Jun 2016	Archifest Meeting with LTA		ACGSA Roundtable Discussion in Colombo Sri Lanka
29 Jun 2016	SIA: Architectural Practice Course 2016 (Lesson 6)	14 Jul 2016	RCS FSSD Waiver Meeting
29 Jun 2016	PADC Meeting	14 Jul 2016	RCS BCA Waiver Application Panel Meeting
30 Jun 2016	SIA-W Atelier Professional Knowledge Series: Universal Design Bathrooms for the Elderly in Japan	14 Jul 2016 14 Jul 2016	IFHP Invitation for Tea Session at Goodwood Park Hotel
30 Jun 2016	Industry Consultations on Green Mark 2016	14 Jul 2016	SIA Design for Safety Professional (DfSP) Course 2016 – Day 2
30 Jun 2016	Archifest Committee Meeting	15 Jul 2016	St John's Home Design Competition - Stage II Judging Invitation to TAS Debate 2016
30 Jun 2016	CIJC SOP Meeting #3		Constitution Review Committee Meeting
30 Jun 2016	RCS BCA Waiver Application Panel	15 Jul 2016	RCS Inter-Agency Coordinating Committee (IACC) Meeting (2/2016)
30 Jun 2016	RCS FSSD Waiver Meeting	15 Jul 2016	SIA-Rockfon Professional Knowledge Series: Acoustic Seminar Series
		18 Jul 2016	SIA: Architectural Practice Course 2016 (Lesson 9)
<b>July 2016</b>			Sustainability Committee Meeting
01 Jul 2016	IES Golden Jubilee Gala Dinner		SIA-Uniseal Green Architect Award Judging
04 Jul 2016	Design Thrust Committee Meeting	18 Jul 2016	SIA-Hilti Professional Knowledge Series: Designing Sustainable Façades to Green Mark 2015
05 Jul 2016	Building Contracts Meeting to discuss draft procedure for arbitrator in international contract	18 Jul 2016	Membership Committee Meeting
05 Jul 2016	ADRP Lunch	19 Jul 2016	Administration and Finance Committee Meeting #4
07 Jul 2016	RCS Fire Safety Waiver Meeting		Architect's Appointment Committee Meeting #2
07 Jul 2016	RCS BCA Waiver Application Panel Meeting	19 Jul 2016	SIA: Architectural Practice
08 Jul 2016	BOA Board Meeting	20 Jul 2016	
08 Jul 2016	Constitution Review Committee Meeting	21 Jul 2016	
11 Jul 2016	RCS Fire Safety & Security Sub- Committee Meeting		
11 Jul 2016	Singapore Red Cross Appreciation Lunch	25 Jul 2016 26 Jul 2016	
12 Jul 2016	CIJC 93th Meeting		
12 Jul 2016	RCS Building Control & Park Sub-Committee Meeting	26 Jul 2016	
12 Jul 2016	SIA: Architectural Practice	26 Jul 2016	

	Course 2016 (Lesson 10)		Committee Meeting
26 Jul 2016	RCS SPRING Quality & Standard Gala Dinner	15 Aug 2016	Constitution Review Committee Meeting
26 Jul 2016	President's Design Award 2016 Jury Session Networking Dinner	15 Aug 2016	URA Briefing and Demo on Digital Planning Tools
26 Jul 2016	WSHC (Construction & Landscape) Committee	15 Aug 2016	RCS Technical Committee for Review of Guideline on Boundary Noise Limit for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings
27 Jul 2016	PADC Meeting		
28 Jul 2016	iNPQS Pte Ltd Meeting with BCA		
28 Jul 2016	SIA Design for Safety Professionals (DfSP) Course 2016 (re-run)	16 Aug 2016	SIA: Architectural Practice Course 2016 (Lesson 12B)
28 Jul 2016	CIJC SOP Taskforce Meeting		
28 Jul 2016	Young Leaders Programme 2016 (Team Bonding)	17 Aug 2016	Administration and Finance Committee Meeting #5
28 Jul 2016	RCS BCA Waiver Application Panel Meeting	17 Aug 2016	Council Meeting #3
29 Jul 2016	Constitution Review Committee Meeting	17 Aug 2016	RCS Development Control Sub-Committee Meeting #2
29 Jul 2016	URA Architectural Heritage Awards (AHA) Assessment Committee Meeting & Site Visit	17 Aug 2016	Practice Thrust Committee Meeting #3
29 Jul 2016	SJI CRC Meeting	18 Aug 2016	SIA Design Talk Series by Robin Tan & Kerry Hill
		18 Aug 2016	YAL Committee Meeting
		18 Aug 2016	RCS BCA Waiver Application Panel Meeting
		18 Aug 2016	RCS FSSD Waiver Meeting
		19 Aug 2016	SIA: The New Norms in Façade + Lighting! - From Design to Maintenance
		19 Aug 2016	SIA: Performance-Based Design Approach to Fire Safety Waiver Application
		19 Aug 2016	RCS Registration Briefing Session on PUB and NEA operating as separate Technical Agencies (TAs)
		22 Aug 2016	RCS Fire Safety & Security Sub-Committee Meeting #4
		23 Aug 2016	RCS Building Control & Park Sub-Committee Meeting
		23 Aug 2016	SIA: Architectural Practice Course 2016 (Lesson 13)
		23 Aug 2016	Architect's Appointment Committee Meeting
		23 Aug 2016	WSH Dialogue with International Advisory Panel Members
		24 Aug 2016	SIA: Design Enterprise
		24 Aug 2016	PADC Meeting
		24 Aug 2016	RCS ABC Waters Professional Monitoring Committee Meeting
		24 Aug 2016	8 <sup>th</sup> Society of Construction Law (Singapore) Annual Dinner
		25 Aug 2016	SMAP Committee Meeting
		25 Aug 2016	Archifest Media Tour
		26 Aug 2016	Members' Night
<b>August 2016</b>			
01 Aug 2016	SIA Architectural Design Awards Judging – Day 1 Site Visit	18 Aug 2016	RCS FSSD Waiver Meeting
02 Aug 2016	SIA Architectural Design Awards Judging – Day 2 Site Visit	19 Aug 2016	SIA: The New Norms in Façade + Lighting! - From Design to Maintenance
02 Aug 2016	SIA: Architectural Practice Course 2016 (Lesson 11)	19 Aug 2016	SIA: Performance-Based Design Approach to Fire Safety Waiver Application
03 Aug 2016	SIA: Architectural Practice Course 2016 (Lesson 11A)	19 Aug 2016	RCS Registration Briefing Session on PUB and NEA operating as separate Technical Agencies (TAs)
03 Aug 2016	YAL Committee Meeting		
04 Aug 2016	Publications Meeting on TSA05		
04 Aug 2016	SSSS-BCA Scholarship Golf Tournament 2016 & SSSS-Continental Steel Challenge Trophy	22 Aug 2016	RCS Fire Safety & Security Sub-Committee Meeting #4
04 Aug 2016	RCS BCA Waiver Application Panel Meeting	23 Aug 2016	RCS Building Control & Park Sub-Committee Meeting
05 Aug 2016	St John's Home for Elderly Persons Design Competition Award Presentation Ceremony and Exhibition	23 Aug 2016	SIA: Architectural Practice Course 2016 (Lesson 13)
10 Aug 2016	SIA: Architectural Practice Course 2016 (Lesson 12A)	23 Aug 2016	Architect's Appointment Committee Meeting
10 Aug 2016	National Day Reception	23 Aug 2016	WSH Dialogue with International Advisory Panel Members
11 Aug 2016	Institution Thrust Committee Meeting	24 Aug 2016	SIA: Design Enterprise
11 Aug 2016	RCS FSSD Waiver Meeting	24 Aug 2016	PADC Meeting
11 Aug 2016	Archifest Committee Meeting	24 Aug 2016	RCS ABC Waters Professional Monitoring Committee Meeting
11 Aug 2016	RCS BCA Waiver Application Panel Meeting	24 Aug 2016	8 <sup>th</sup> Society of Construction Law (Singapore) Annual Dinner
13 Aug 2016	Building Contracts Sub-	25 Aug 2016	SMAP Committee Meeting
		25 Aug 2016	Archifest Media Tour
		26 Aug 2016	Members' Night



26 Aug 2016	SJI CRC Meeting	13 Sep 2016	iNPQS Meeting
29 Aug 2016	Constitution Review Committee Meeting	14 Sep 2016	Administration and Finance Committee Meeting #6
30 Aug 2016	SIA: Architectural Practice Course 2016 (Lesson 14)	14 Sep 2016	SCAL Productivity & Innovation Awards (PIA) Competition Judging
31 Aug 2016	SIA: Architectural Practice Course 2016 (Lesson 15, Part 1)	14 Sep 2016	REDAS Mid-Autumn Festival Lunch 2016
31 Aug 2016	Building Contracts Sub-Committee Meeting	15 Sep 2016	SMAP Wahy Architect? Forum – Meeting with Panellists
<b>September 2016</b>		19 Sep 2016	Constitution Review Committee Meeting
01 Sep 2016	CIJC 95 <sup>th</sup> Meeting	20 Sep 2016	SIA: Architectural Practice Course 2016 (Lesson 18 Part 4)
02 Sep 2016	SCAL Annual Dinner	20 Sep 2016	RCS Technical Committee for Review of Guideline on Boundary Noise Limit for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings
06 Sep 2016	SGBC Gala Dinner	21 Sep 2016	SIA: Architectural Practice Course 2016 (Lesson 19A Part 5)
06 Sep 2016	SIA: Architectural Practice Course 2016 (Lesson 16 Part 2)	21 Sep 2016	SUTD Lecture “Inspiring Better Urban Living Symposium in honour of Founding Chairman Mr Philip Ng”
06 Sep 2016	Building Contracts Committee Meeting with Singapore Academy of Law	22 Sep 2016	BCA RIWG Meeting
06 Sep 2016	Building Contracts Sub-Committee Meeting	22 Sep 2016	RCS FSSD Waiver Meeting
06 Sep 2016	YAL Meeting	22 Sep 2016	RCS BCA Waiver Application Panel Meeting
07 Sep 2016	BOA Stakeholder Engagement Session	23 Sep 2016	Archifest Opening Party
07 Sep 2016	BOA Board Meeting	23 Sep 2016	Archifest Pavilion @ Raffles Place Park
07 Sep 2016	Invitation to IGBC 2016 (Opening Ceremony and Plenary Session)	24 Sep 2016	Building Contracts Sub-Committee Meeting
08 Sep 2016	SIA-Dow Corning Professional Knowledge Series: Silicone contribution to Sustainable Architecture	24 Sep 2016	Archifest Tour 1
08 Sep 2016	RCS Consultation with BCA on BDAS	24 Sep 2016	Archifest Pavilion @ Raffles Place Park
08 Sep 2016	Meeting with BCA on Resource Centre	24 Sep 2016	ARCASIA Roundtable on Architecture Education in Asia
08 Sep 2016	RCS FSSD Waiver Meeting	25 Sep 2016	Archifest Pavilion @ Raffles Place Park
08 Sep 2016	RCS BCA Waiver Application Panel Meeting	25 Sep 2016	ACA-17 (ARCASIA Congress) in Hong Kong
08 Sep 2016	HDB Awards 2016	26 Sep 2016	Meeting with NLB on Internship Programme
09 Sep 2016	SIA Inspirational Talk by DPM Tharman Shanmugaratnam: Our city and people: a future in our own image	26 Sep 2016	Archifest Pavilion @ Raffles Place Park
09 Sep 2016	Discussion on eNPQS	26 Sep 2016	ACA-17 (ARCASIA Congress) in Hong Kong
09 Sep 2016	Architours Docents Training and Gathering	27 Sep 2016	Resource & Technology CPST 3/2016 Meeting
10 Sep 2016	Invitation to SUTD Graduation Day 2016	27 Sep 2016	SIA: Architectural Practice Course 2016 (Lesson 19B Part
13 Sep 2016	SIA: Architectural Practice Course 2016 (Lesson 17 Part 3)		
13 Sep 2016	94 <sup>th</sup> CIJC Meeting		
13 Sep 2016	iNPQS Meeting		
13 Sep 2016	RCS Building Control & Park Sub-Committee Meeting		

	6)	05 Oct 2016	Greenbuild Conference in LA
27 Sep 2016	Archifest Pavilion @ Raffles Place Park	06 Oct 2016	RCS FSSD Waiver Meeting
		06 Oct 2016	RCS BCA Waiver Application Panel Meeting
27 Sep 2016	ACA-17 (ARCASIA Congress) in Hong Kong	06 Oct 2016	Archifest Pavilion @ Raffles Place Park
28 Sep 2016	PADC Meeting		
28 Sep 2016	SIA Conference 2016: SlowCity	06 Oct 2016	Greenbuild Conference in LA
28 Sep 2016	Archifest Pavilion @ Raffles Place Park	07 Oct 2016	RCS Meeting with BCA – New Mandatory Training Requirements under the PSPC
28 Sep 2016	ACA-17 (ARCASIA Congress) in Hong Kong	07 Oct 2016	Archifest Pavilion @ Raffles Place Park
28 Sep 2016	ArchXpo 2016		
28 Sep 2016	ArchXpo Up Award Judging	07 Oct 2016	Greenbuild Conference in LA
29 Sep 2016	Archifest Pavilion @ Raffles Place Park	08 Oct 2016	Building Contracts Sub-Committee Meeting
29 Sep 2016	4 <sup>th</sup> SIA Awards Dinner	08 Oct 2016	Archifest Pavilion @ Raffles Place Park
29 Sep 2016	ACA-17 (ARCASIA Congress) in Hong Kong	08 Oct 2016	Greenbuild Conference in LA
29 Sep 2016	ArchXpo 2016	09 Oct 2016	Archifest Pavilion @ Raffles Place Park
29 Sep 2016	RCS FSSD Waiver Meeting		
29 Sep 2016	RCS BCA Waiver Application Panel Meeting	10 Oct 2016	RCS FSS Sub-Committee Meeting
29 Sep 2016	RCS 1 <sup>st</sup> WG Meeting on Pneumatic Waste Conveyance System	10 Oct 2016	Membership Committee Meeting
		11 Oct 2016	RCS Building Control & Park Sub-Committee Meeting
29 Sep 2016	URS-SIA/SIP/REDAS/ACES Dialogue	11 Oct 2016	SIA: Architectural Practice Course 2016 (Lesson 21)
30 Sep 2016	SIA-CEMS-SGA: Asia Façade and Glass Conference 2016	11 Oct 2016	SJHEP Building Development Committee Meeting
30 Sep 2016	Archifest Pavilion @ Raffles Place Park	12 Oct 2016	BOA-LAM Meeting in Kuala Lumpur
30 Sep 2016	ACA-17 (ARCASIA Congress) in Hong Kong	12 Oct 2016	BCA Singapore Universal Design Exhibition Opening Ceremony
30 Sep 2016	ArchXpo 2016	12 Oct 2016	YAL Meeting
		12 Oct 2016	SIA: Architectural Practice Course 2016 (Lesson 22)
		12 Oct 2016	RCS Technical Committee for Review of Guideline on Boundary Noise Limit fir Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings
		13 Oct 2016	Meeting with NUS Dean
		13 Oct 2016	Resource & Technology Committee Meeting
		13 Oct 2016	SIA-Big Ass Professional Knowledge Series: Sustainable HVAC Design: Using Air Movement in Air Conditioned Buildings [Postponed from 30 Sep]
		13 Oct 2016	RCS FSSD Waiver Meeting
		13 Oct 2016	RCS BCA Waiver Application Panel Meeting
		14 Oct 2016	SIA-Getz Architecture Prize
<b>October 2016</b>			
01 Oct 2016	Archifest Pavilion @ Raffles Place Park		
02 Oct 2016	SMAP Why Architect? Forum		
02 Oct 2016	Greenbuild Conference in LA		
02 Oct 2016	Archifest Pavilion @ Raffles Place Park		
03 Oct 2016	Constitution Review Committee Meeting		
03 Oct 2016	Archifest Pavilion @ Raffles Place Park		
03 Oct 2016	Greenbuild Conference in LA		
04 Oct 2016	SIA: Architectural Practice Course 2016 (Lesson 20)		
04 Oct 2016	Archifest Pavilion @ Raffles Place Park		
04 Oct 2016	Greenbuild Conference in LA		
05 Oct 2016	BOA Board Meeting		
05 Oct 2016	Archifest Pavilion @ Raffles Place Park		

14 Oct 2016	Judging SIA: Challenges to the temporary finality of the Architect's Certificate under Clause 31(13) of the SIA Articles and Conditions of Building Contract in Summary Judgment Applications. How an Architect's Interim Certificate may be tainted by fraud of the Architect	27 Oct 2016	RCS BCA Waiver Application Panel Meeting
14 Oct 2016	Practice Thrust Meeting on New Mandatory Training Requirements Under The PSPC	28 Oct 2016	University Liaison NUS Architecture Student Visit to Nippon Paint Factory
17 Oct 2016	Constitution Review Committee Meeting	31 Oct 2016	Constitution Review Committee Meeting
17 Oct 2016	DSg's Update Meeting – Guidelines for Design Procurement	31 Oct 2016	Architect's Appointment Meeting With Professor David Mosey – A Multi-party contract
17 Oct 2016	Institution Thrust Committee Meeting		
17 Oct 2016	SIA: Architectural Practice Course 2016 (Lesson 23A)	<b>November 2016</b>	
17 Oct 2016	RCS Meeting with NEA and PUB on SIA/IES/PUB/NEA Joint Seminar	01 Nov 2016	Invitation to SUTD Masters of Technology and Design Lecture Featuring Daniel Libeskind
18 Oct 2016	Invitation to the Singapore Construction Productivity Week 2016	01 Nov 2016	95 <sup>th</sup> CIJC Meeting
19 Oct 2016	Administration and Finance Committee Meeting #7	02 Nov 2016	Invitation to Singapore Structural Steel Society 32 <sup>nd</sup> Annual Lecture and Dinner 2016
19 Oct 2016	Council Meeting #4	02 Nov 2016	BOA Board Meeting
19 Oct 2016	Practice Thrust Meeting #4	03 Nov 2016	FSSD Waiver Meeting
19 Oct 2016	Architect's Appointment committee Meeting	04 Nov 2016	SIA Business Talk by Mr Norman Ho: Collective Sales in Singapore
19 Oct 2016	SIA: Architectural Practice Course 2016 (Lesson 23B)	04 Nov 2016	SJI CRC Meeting
20 Oct 2016	Architecture Practice Course – WDA Briefing	04 Nov 2016	SMAP Committee Meeting
20 Oct 2016	RCS WG on PWCS	04 Nov 2016	RCS Technical Committee for Review of Guideline on Boundary Noise Limit for Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings
22 Oct 2016	BOA Presentation Ceremony and Seminar	05 Nov 2016	Professional Engineers Board Day of Dedication 2016
25 Oct 2016	WSHC (Construction & Landscape) Committee Meeting	05 Nov 2016	WDA Oral Session 1
25 Oct 2016	SIA: Architectural Practice Course 2016 (Lesson 24)	08 Nov 2016	BOA/PEB/Law Soc Taskforce – SCAL – REDAS – BCA D&B Contract Conditions and Insurance
25 Oct 2016	SIA Design for Safety for Professionals (DfSP) Course 2016 (3rd run)	09 Nov 2016	RCS Development Control Sub-Committee Meeting
26 Oct 2016	Archifest Visit to Rainbow Family Care Centre (Club Rainbow)	09 Nov 2016	SIA Presentation of Cheque Donation to SJHEP
27 Oct 2016	SIA-Elmich Professional Knowledge Series: Waterproofing for Below Ground Structures	09 Nov 2016	RCS Dialogue Session with PUB
27 Oct 2016	RCS FSSD Waiver Meeting	09 Nov 2016	RCS BCA Waiver Application Panel Meeting
		10 Nov 2016	SIA: Design for Safety Appreciation (DfSA) Course (1st run)
		10 Nov 2016	RCS FSSD Waiver Meeting
		10 Nov 2016	MND Huddle 2016
		11 Nov 2016	SIA/IES/NEA/PUB Joint Seminar 2016: Sharing on Design Considerations in NEA and PUB Requirements
		11 Nov 2016	SIA: Professional Indemnity

	Insurance – Do you have enough coverage?		Dialogue
11 Nov 2016	SIA-Getz Architecture Presentation Ceremony	30 Nov 2016	RCS Research & Standard Sub-Committee Meeting
11 Nov 2016	RCS 2 <sup>nd</sup> Agglomerated Stone (AS) Good Industry Practices Guide (GIP) Technical Committee Meeting	30 Nov 2016	RCS Environment Sub-Committee Meeting
12 Nov 2016	WDA Oral Session 2	30 Nov 2016	9 <sup>th</sup> NPQS Steering Committee Meeting
14 Nov 2016	RCS Fire Safety & Security Sub-Committee Meeting		
14 Nov 2016	WSH Annual Strategic Planning Exercise (SPE)	<b>December 2016</b>	
15 Nov 2016	NParks LEAF Certification Ceremony 2016	01 Dec 2016	SIA-3M Professional Knowledge Series: Urbanization Challenges & Innovative Solutions
16 Nov 2016	Administration & Finance Committee Meeting #8	01 Dec 2016	YAL Committee Meeting
16 Nov 2016	Architecture & Building Services (ABS) 2015 Appreciation Night	02 Dec 2016	WSH Hosting of Lunch Session with Construction Industry
16 Nov 2016	RCS Technical Committee for Review of Guideline on Boundary Noise Limit For Air Conditioning and Mechanical Ventilation Systems in Non-Industrial Buildings	02 Dec 2016	CSR Committee Meeting
		05 Dec 2016	Constitution Review Committee Meeting
17 Nov 2016	Meeting with Representatives from NLI Research Institute, Japan	08 Dec 2016	YAL Committee Meeting
17 Nov 2016	RCS FSSD Waiver Meeting	09 Dec 2016	President's Design Awards 2016 Award Ceremony
17 Nov 2016	RCS BCA Waiver Application Panel Meeting	09 Dec 2016	RCS BCA Waiver Application Panel Meeting
18 Nov 2016	Invitation to Singapore Water Industry Nite (SWN)	12 Dec 2016	Pioneer Architect Archive Project – Discussion on Internship
22 Nov 2016	Sustainability Committee Meeting	14 Dec 2016	Council Meeting #5
22 Nov 2016	Architect's Appointment Committee Meeting	14 Dec 2016	Administration & Finance Committee Meeting
22 Nov 2016	Building Contracts Sub-Committee Meeting	15 Dec 2016	RCS BCA Waiver Application Panel Meeting
23 Nov 2016	PADC Meeting	15 Dec 2016	RCS FSSD Waiver Meeting
24 Nov 2016	Meeting with NEA on Alternative Designs for False Ceilings in Shopping Malls	15 Dec 2016	ABC Waters Professional Committee Meeting
24 Nov 2016	SIA-Cosentino Professional Knowledge Series: Architect's decisions which improve appearance & durability of buildings (2016)	16 Dec 2016	SIA YAL Open Studio Series – Act 1
24 Nov 2016	RCS BCA Waiver Application Panel Meeting	16 Dec 2016	Kingsmen 40 <sup>th</sup> Anniversary Gala Dinner
25 Nov 2016	BCA Launch of Project BUILD Exhibition 2016	20 Dec 2016	iNPQS Pte Ltd Internal Meeting
28 Nov 2016	Productivity Leadership Summit 2016	21 Dec 2016	YAL Meeting
29 Nov 2016	RCS DCG-SIA/SIP/REDAS/ ACES	22 Dec 2016	RCS FSSD Waiver Meeting
		22 Dec 2016	RCS BCA Waiver Application Panel Meeting
		23 Dec 2016	SJI CRC Meeting
		28 Dec 2016	PADC Meeting
		29 Dec 2016	RCS BCA Waiver Application Panel Meeting
		29 Dec 2016	RCS FSSD Waiver Meeting

**Singapore Institute of Architects**  
Company Registration No. S63550027H

<b>CONTENTS</b>	<b>PAGE NO.</b>
Statement by the Council of the Institute	1
Auditors' Report	2 - 4
Statements of Comprehensive Income	5 - 6
Statements of Financial Position	7 - 8
Statement of Changes in Funds	9 - 10
Consolidated Statement of Cash Flows	11 - 12
Notes to the Financial Statements	13 - 51

## Singapore Institute of Architects

Statement by the Council of the Institute

---

In our opinion, the consolidated financial statements of the Group and the statements of financial position, comprehensive income and changes in funds of the Institute are properly drawn up so as to give a true and fair view of the financial position of the Group and the Institute as at 31 December 2016 and the financial performance and changes in funds of the Group and the Institute and cash flows of the Group for the year ended on that date.

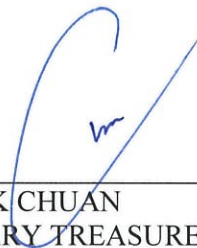
The Council of the Institute authorised these financial statements for issue on

On behalf of the Council of the Institute



---

ONG TZE BOON  
PRESIDENT



---

LAI TECK CHUAN  
HONORARY TREASURER

# **Independent Auditors' Report to the Members of Singapore Institute of Architects**

## **Report on the Financial Statements**

### ***Opinion***

We have audited the financial statements of SINGAPORE INSTITUTE OF ARCHITECTS (the Institute) and its subsidiaries (the Group) as set out on pages 5 to 51, which comprise the statement of financial position of the Group and the Institute as at 31 December 2016, the statement of profit or loss and other comprehensive income and changes in funds of the Group and the Institute and consolidated statement of cash flows of the Group for the year then ended and a summary of significant accounting policies.

In our opinion, the accompanying financial statements of the Group and the Institute are properly drawn up in accordance with the provisions of the Societies Act and Financial Reporting Standards in Singapore (FRSs) so as to present fairly in all material aspect, the financial position of the Group and the Institute as at 31 December 2016 and of the financial performance and changes in funds of the Group and the Institute and cash flows of the Group for the year ended on that date.

### ***Basis for Opinion***

We conducted our audit in accordance with Singapore Standards on Auditing (SSAs). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Institute in accordance with the Accounting and Corporate Regulatory Authority (ACRA) *Code of Professional Conduct and Ethics for Public Accountants and Accounting Entities* (ACRA Code) together with the ethical requirements that are relevant to our audit of the financial statements in Singapore, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the ACRA Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### ***Responsibilities of Management and Those Charged with Governance for the Financial Statements***

Management is responsible for the preparation of financial statements that give a true and fair view in accordance with the provisions of the Societies Regulations and FRSs and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

## **Independent Auditors' Report to the Members of Singapore Institute of Architects (Continued)**

### *Auditor's Responsibilities for the Audit of the Financial Statements*

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level assurance, but is not a guarantee that an audit conducted in accordance with SSAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SSAs, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.



## **Independent Auditors' Report to the Members of Singapore Institute of Architects (Continued)**

### ***Auditor's Responsibilities for the Audit of the Financial Statements (continued)***

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

### ***Report on Other Legal and Regulatory Requirements***

In our opinion, the accounting and other records required by the regulation enacted under the Societies Regulations to be kept by the Institute have been properly kept in accordance with those regulations.

KWAN WONG TAN & HONG  
Public Accountants and  
Chartered Accountants

Singapore

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**STATEMENTS OF COMPREHENSIVE INCOME**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016  
(Currency – Singapore dollars)

	Note	The Group		The Institute	
		2016 \$	2015 \$	2016 \$	2015 \$
<b>Income</b>					(Note 32)
Subscription and entrance fees	14	472,194	418,479	472,194	418,479
Publication income	15	394,805	459,919	153,391	62,985
Education income	16	586,042	446,828	586,042	446,828
Event income	17	772,465	739,821	772,465	739,821
Other project income	18	4,400	102,585	4,400	102,585
Sale of software and software development	19	607,850	692,555	-	-
Other income	22	332,724	140,355	167,816	161,820
		-----	-----	-----	-----
		3,170,480	3,000,542	2,156,308	1,932,518
		-----	-----	-----	-----
<b>Operating expenditure from activities</b>					
Publication expenditure	15	(391,674)	(462,114)	(107,613)	(13,588)
Education expenditure	16	(131,817)	(96,127)	(154,826)	(96,127)
Event expenditure	17	(561,755)	(595,894)	(574,028)	(595,894)
Other project expenditure	18	(27,535)	(82,068)	(27,535)	(82,068)
Cost of sale of software	19	(281,179)	(322,417)	-	-
Committee expenditure	20	(32,976)	(54,656)	(33,481)	(54,656)
Membership expenditure	21	(22,971)	-	(67,303)	(35,680)
		-----	-----	-----	-----
		(1,449,907)	(1,613,276)	(964,786)	(878,013)
		-----	-----	-----	-----
<b>General and administrative expenditure</b>	23	(1,475,463)	(1,376,584)	(1,209,482)	(940,949)
<b>Other operating expenditure</b>	24	-	(3,789)	(42,000)	(77,789)
<b>Finance costs</b>	25	(65,259)	(69,970)	-	-
<b>Share of loss of associate (net of tax)</b>		(679)	(600)	-	-
		-----	-----	-----	-----
<b>Surplus/(deficit) for the year before tax</b>		179,172	(63,677)	(59,960)	35,767
<b>Taxation</b>	28	3,930	(9,740)	12,000	(4,777)
		-----	-----	-----	-----
<b>Surplus/(deficit) for the year net of tax</b>		183,102	(73,417)	(47,960)	30,990
		-----	-----	-----	-----

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**STATEMENTS OF COMPREHENSIVE INCOME (Continued)  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

	Note	The Group		The Institute	
		2016 \$	2015 \$	2016 \$	2015 \$
<b>Other comprehensive income</b>					
Net increase in building fund	26	81,710	1,054,276	278,238	1,248,800
Income tax relating to other comprehensive income		-	-	-	-
Other comprehensive income, net of tax		81,710	1,054,276	278,238	1,248,800
Total comprehensive income		264,812	980,859	230,278	1,279,790
<b>Surplus/(deficit) for the year net of tax</b>					
Attributable to:					
Members of the Institute		176,021	(81,316)	(47,960)	30,990
Non-controlling interest		7,081	7,899	-	-
		183,102	(73,417)	(47,960)	30,990
<b>Total comprehensive income</b>					
Attributable to:					
Members of the Institute		257,731	972,960	230,278	1,279,790
Non-controlling interest		7,081	7,899	-	-
		264,812	980,859	230,278	1,279,790

The accompanying notes form an integral part of these financial statements

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**STATEMENTS OF FINANCIAL POSITION**

AS AT 31 DECEMBER 2016

(Currency – Singapore dollars)

		<b>The Group</b>		<b>The Institute</b>	
	<b>Note</b>	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>Non-current assets</b>					
Property, plant & equipment	4 & 12	8,525,960	8,650,580	300,123	328,399
Intangible assets	5	246,000	195,000	246,000	195,000
Investment in subsidiaries	6	-	-	6,604,985	6,604,985
Investment in associate	7	18,721	19,400	-	-
		-----	-----	-----	-----
Total non-current assets		8,790,681	8,864,980	7,151,108	7,128,384
		-----	-----	-----	-----
<b>Current assets</b>					
Cash and bank balances	8	1,097,230	1,462,502	641,647	985,498
Fixed deposits at banks	8	1,317,271	366,891	1,317,271	366,891
Accounts receivable		254,230	483,446	170,158	235,394
Other receivables, deposits and prepayments	9	152,816	97,386	55,966	25,516
Amounts due from subsidiaries	10	-	-	179,113	216,261
Tax receivables		-	20,000	-	20,000
		-----	-----	-----	-----
		2,821,547	2,430,225	2,364,155	1,849,560
		-----	-----	-----	-----
<b>Less: Current liabilities</b>					
Accounts payables, accrued liabilities and provisions	11	430,604	477,624	219,687	210,881
Subscriptions in advance		283,131	3,906	283,131	3,906
Other amounts received in advance		127,936	111,834	125,715	109,496
Amount due to a subsidiary, trade		-	-	52,383	34,592
Provision for income tax		11,895	1,554	-	-
Current portion of long term loan	12	164,614	171,706	-	-
		-----	-----	-----	-----
		1,018,180	766,624	680,916	358,875
		-----	-----	-----	-----
Net current assets		1,803,367	1,663,601	1,683,239	1,490,685
		-----	-----	-----	-----

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**STATEMENTS OF FINANCIAL POSITION (Continued)  
AS AT 31 DECEMBER 2016**

	<b>Note</b>	<b>The Group</b>		<b>The Institute</b>	
		<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
		<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>Non-current liabilities</b>					
Long-term loan, secured	12	(2,660,053)	(2,821,068)	-	-
Deferred tax liabilities	28(b)	(133)	(18,463)	-	(15,000)
		-----	-----	-----	-----
Total non-current liabilities		(2,660,186)	(2,839,531)	-	(15,000)
		-----	-----	-----	-----
Net assets		7,933,862	7,689,050	8,834,347	8,604,069
		=====	=====	=====	=====
<b>Representing -</b>					
Building Fund		4,287,648	4,205,938	5,889,542	5,611,304
SIA Scholarship Fund		46,956	46,956	46,956	46,956
SIA Fellowship/Sime Darby Studentship Fund		17,277	17,277	17,277	17,277
Board of Architects Documentation Fund		6,045	6,045	6,045	6,045
Education Fund		578	578	578	578
Accumulated Fund		3,519,781	3,363,760	2,873,949	2,921,909
		-----	-----	-----	-----
		7,878,285	7,640,554	8,834,347	8,604,069
		-----	-----	-----	-----
Non-controlling interest	13	55,577	48,496	-	-
		-----	-----	-----	-----
Total funds		7,933,862	7,689,050	8,834,347	8,604,069
		=====	=====	=====	=====

The accompanying notes form an integral part of these financial statements.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**STATEMENT OF CHANGES IN FUNDS**

FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

(Currency – Singapore dollars)

----- Attributable to Members of the Institute -----

	<b>Building Fund \$</b>	<b>SIA Scholarship Fund \$</b>	<b>SIA Fellowship/ Sime Darby Studentship Fund \$</b>	<b>Board of Architects Documentation Fund \$</b>	<b>Education Fund \$</b>	<b>Accumulated Fund \$</b>	<b>Non-controlling Interest \$</b>	<b>Total \$</b>
<b>The Group -</b>								
At 01.01.2015	3,151,662	46,956	17,277	6,045	578	3,445,076	40,597	6,708,191
Total comprehensive income for the year	1,054,276	-	-	-	-	(81,316)	7,899	980,859
At 31.12.2015	4,205,938	46,956	17,277	6,045	578	3,363,760	48,496	7,689,050
Total comprehensive income for the year	81,710	-	-	-	-	176,021	7,081	264,812
Interim dividend paid	-	-	-	-	-	(20,000)	-	(20,000)
At 31.12.2016	4,287,648	46,956	17,277	6,045	578	3,519,781	55,577	7,933,862

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**STATEMENT OF CHANGES IN FUNDS (Continued)  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

	<b>Building Fund \$</b>	<b>SIA Scholarship Fund \$</b>	<b>SIA Fellowship/ Sime Darby Studentship Fund \$</b>	<b>Board of Architects Documentation Fund \$</b>	<b>Education Fund \$</b>	<b>Accumulated Fund \$</b>	<b>Total \$</b>
<b>The Institute -</b>							
At 01.01.2015	4,362,504	46,956	17,277	6,045	578	2,890,919	7,324,279
Total comprehensive income for the year	1,248,800	-	-	-	-	30,990	1,279,790
At 31.12.2015	5,611,304	46,956	17,277	6,045	578	2,921,909	8,604,069
Total comprehensive income for the year	278,238	-	-	-	-	(47,960)	230,278
At 31.12.2016	5,889,542	46,956	17,277	6,045	578	2,873,949	8,834,347

The accompanying notes form an integral part of these financial statements

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**CONSOLIDATED STATEMENT OF CASH FLOWS**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016  
(Currency – Singapore dollars)

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
<b>Cash flow from operating activities</b>		
Surplus/(deficit) for the year before tax	179,172	(63,677)
Adjustment for -		
Depreciation and amortisation	68,771	18,946
Interest expense	65,259	69,970
Interest income	(3,177)	(2,022)
Share of associate loss	679	600
	-----	-----
Operating surplus before working capital changes	310,704	23,817
(Increase)/decrease in -		
Accounts receivable	229,216	(220,755)
Other receivables, deposits and prepayments	(55,430)	(43,095)
Increase/(decrease) in -		
Accounts payables and accrued liabilities	(47,020)	76,803
Subscriptions received in advance	279,225	(255,240)
Other amounts received in advance	16,102	85,803
	-----	-----
Cash generated from/(used in) operating activities	732,797	(332,667)
Income tax refunded/(paid)	15,941	(50,718)
	-----	-----
Net cash generated from/(used in) operating activities	748,738	(383,385)
	-----	-----
<b>Cash flow from investing activities</b>		
Payment of share capital in an associate	-	(20,000)
Interest received	3,177	2,022
Purchase of property, plant & equipment	(136,679)	(1,601,161)
Payment for intangible assets	(55,000)	-
	-----	-----
Net cash used in investing activities	(188,502)	(1,619,139)
	-----	-----



**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**CONSOLIDATED STATEMENT OF CASH FLOWS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	\$	\$
<b>Cash flow from financing activities</b>		
Contribution to SIA Building Fund	278,238	1,248,800
Dividend paid	(20,000)	-
Repayment of term loan	(167,123)	(170,848)
Term loan interest paid	(66,243)	(70,418)
	-----	-----
Net generated from financing activities	24,872	1,007,534
	-----	-----
Net increase/(decrease) in cash and cash equivalents	585,108	(994,990)
Cash and cash equivalents at the beginning of the year	1,829,393	2,824,383
	-----	-----
Cash and cash equivalents at the end of the year (Note 8)	2,414,501	1,829,393
	=====	=====

The accompanying notes form an integral part of these financial statements

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016  
(Currency – Singapore dollars)

**1. THE INSTITUTE**

The Institute (UEN No. S63550027H) was registered in March 1963 in the Republic of Singapore under The Societies Act. The address of its place of business is 79 Neil Road, Singapore 088904.

The principal activities of the Institute and its subsidiaries (“the Group”) are those of administering the Institute’s membership, catering for the continuous training and professional development of its members and organising activities for the purpose of interaction between its members. The Group also deals with the development of software and multimedia works and software consultancy.

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

**(a) Basis of preparation -**

The financial statements have been prepared in accordance with Singapore Financial Reporting Standards (“FRS”) and under the historical cost convention, except as disclosed in the accounting policies below.

The preparation of financial statements in conformity with FRS requires the Management to exercise their judgement in the process of applying the Group’s accounting policies. It also requires the use of certain critical accounting estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised and in any future periods affected.

Critical accounting estimates and assumptions used that are significant to the financial statements and areas involving a higher degree of judgement or complexity are disclosed in Note 3 below.

**(b) Currency translation -**

**(i) Functional and presentation currency**

Items included in the financial statements of each entity in the Group are measured using the currency of the primary economic environment in which the entity operates (“functional currency”). The financial statements are presented in Singapore Dollars.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(b) Currency translation (continued) -**

**(ii) Transactions and balances**

Transactions in a currency other than the functional currency (“foreign currency”) are translated into the functional currency using the exchange rates at the dates of the transactions. Currency translation differences from the settlement of such transactions and from the translation of monetary assets and liabilities denominated in foreign currencies at the closing rates at the financial year end date are recognised in surplus or deficit.

Non-monetary items measured at fair values in foreign currencies are translated using the exchange rates at the date when the fair values are determined.

**(c) Basis of consolidation -**

The Group’s consolidated financial statements include the financial statements of the Institute and its subsidiary companies made up to the end of the financial year.

A subsidiary is an entity over which the Group has the power to govern the financial and operating policies so as to obtain benefits from its activities. The existence and effect of potential voting rights that are currently exercisable or convertible are considered when assessing whether the Group controls another entity.

In preparing the consolidated financial statements, transactions, balances and unrealised gains on transactions between group entities are eliminated. Unrealised losses are also eliminated but are considered an impairment indicator of the assets transferred. Accounting policies of subsidiaries have been changed where necessary to ensure consistency with the policies adopted by the Group.

Subsidiaries are consolidated from the date on which control is transferred to the Group. They are de-consolidated from the date on which control ceases.

Business combinations are accounted for by applying the acquisition method. Identifiable assets acquired and liabilities assumed in a business combination are measured initially at their fair values at the acquisition date. Acquisition-related costs are recognised as expenses in the periods in which the costs are incurred and the services are received.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(c) Basis of consolidation (continued) -**

Any contingent consideration payable is recognised at fair value at the acquisition date. If the contingent consideration is classified as reserves, it is not remeasured and settlement is accounted for within funds and reserves. Otherwise, subsequent changes to the fair value of the contingent consideration are recognised in surplus or deficit.

In business combinations achieved in stages, previously held equity interests in the acquiree are remeasured to fair value at the acquisition date and any corresponding gain or loss is recognised in surplus or deficit.

Non-controlling interests in subsidiaries are identified separately from the Group's equity. The interest of non-controlling shareholders may be initially measured (at date of original business combination) either at fair value or at the non-controlling interests' proportionate share of the fair value of the acquiree's identifiable net assets. The choice of measurement basis is made on an acquisition-by-acquisition basis. Subsequent to acquisition, the carrying amount of non-controlling interests is the amount of those interests at initial recognition plus the non-controlling interests' share of subsequent changes in equity. Total comprehensive income is attributed to non-controlling interests even if this results in the non-controlling interests having a deficit balance.

**(d) Intangible assets -**

Goodwill

Goodwill arising on the acquisition of a subsidiary represents the excess of the cost of acquisition over the Group's interest in the net fair value of the identifiable assets, liabilities and contingent liabilities of the subsidiary recognised at the date of acquisition. Goodwill is initially recognised as an asset at cost and is subsequently measured at cost less any accumulated impairment losses.

For the purpose of impairment testing, goodwill is allocated to each of the Group's cash-generating units expected to benefit from the synergies of the combination. Cash-generating units to which goodwill has been allocated are tested for impairment annually, or more frequently when there is an indication that the unit may be impaired. If the recoverable amount of the cash-generating unit is less than the carrying amount of the unit, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit and then to the other assets of the unit pro-rata on the basis of the carrying amount of each asset in the unit. An impairment loss recognised for goodwill is not reversed in a subsequent period.

On disposal of a subsidiary, the attributable amount of goodwill is included in the determination of the profit or loss on disposal.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(d) Intangible assets (continued) -**

Internally-generated intangible assets - development costs

An internally-generated intangible asset arising from development (or from the development phase of an internal project) is recognised if, and only if, all of the following have been demonstrated -

- The technical feasibility of completing the intangible asset so that it will be available for use or sale;
- The intention to complete the intangible asset and use or sell it;
- The ability to use or sell the intangible asset;
- How the intangible asset will generate probable future economic benefits;
- The availability of adequate technical, financial and other resources to complete the development and to use or sell the intangible asset; and
- The ability to measure reliably the expenditure attributable to the intangible asset during its development.

The amount initially recognised for internally-generated intangible asset is the sum of the expenditure incurred from the date when the intangible asset first meets the recognition criteria listed above. Where no internally-generated intangible asset can be recognised, development expenditure is charged to profit or loss in the period in which it is incurred.

Subsequent to initial recognition, internally-generated intangible asset is reported at cost less accumulated amortisation and accumulated impairment losses.

Amortisation is calculated based on the cost of the asset, less its residual value.

Amortisation is recognised in profit or loss on a straight-line basis over the estimated useful lives of intangible assets from the date that they are available for use. The estimated useful lives for the current and comparative years as follows –

Development costs	5 years
-------------------	---------

Amortisation methods, useful lives and residual values are reviewed at the end of each reporting period and adjusted if appropriate.

**(e) Property, plant & equipment -**

Property, plant & equipment are stated at cost less accumulated depreciation and impairment losses, if any. The cost of an asset comprises its purchase price and any directly attributable costs of bringing the asset to working condition for its intended use.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(e) Property, plant & equipment (continued) -**

Dismantlement, removal or restoration costs are included as part of the cost of the property, plant & equipment, if the dismantlement, removal or restoration is incurred as a consequence of acquiring or using the asset.

Depreciation is provided on a straight-line basis to write down the cost of the property, plant & equipment to their estimated residual values at the end of their estimated useful lives at the following annual rates -

Leasehold building and land	2%
Building improvements and renovation	10%
Air-conditioning system	20%
Furniture, fittings and office equipment	20%
Computer equipment	100%

The residual values, cost of dismantlement, removal or restoration cost and useful lives of property, plant & equipment are reviewed and adjusted as appropriate at each financial year end date.

Property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on derecognition of the assets is included in profit or loss in the year the assets is derecognised.

**(f) Investment in subsidiaries -**

Investment in subsidiaries is stated at cost less impairment losses in the Institute's statement of financial position.

**(g) Investment in associates -**

An associate is an entity over which the group has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee but is not control or joint control over those policies.

Investment in associate is stated at cost, less any impairment. Investments in associate are accounted for using the equity method. They are recognised initially at cost, which includes transaction costs. Subsequent to initial recognition, the consolidated financial statements include the Group's share of the profit or loss and other comprehensive income of the associate from the date that significant influence commences until the date that significant influence ceases.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(h) Cash and cash equivalents -**

For the purposes of the consolidated statement of cash flows, cash and cash equivalents consist of cash on hand and at bank but exclude fixed deposits that are pledged as security to the bank.

**(i) Provisions -**

Provisions are recognised when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources will be required to settle the obligation and a reliable estimate of the amount can be made.

**(j) Impairment of assets (non-financial assets) -**

The Group's assets of property, plant and equipment, investment in subsidiaries and associates, intangible assets and other non-financial assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of the assets may not be recoverable. An impairment loss is recognised whenever the carrying amount of assets exceeds its recoverable amount. The impairment loss is charged to surplus or deficit unless it reverses a previous revaluation that was credited to funds and reserve, in which case it is charged to funds and reserves.

The recoverable amount is the higher of the assets' net selling price and value in use. The net selling price is the amount obtainable from the sale of an asset in an arm's length transaction. Value in use is the present value of estimated future cash flows expected to arise from the continuing use of an asset and from its disposal at the end of its useful life. Recoverable amounts are estimated for individual assets or if it is not possible, for the cash-generating unit to which the asset belongs.

Reversal of an impairment loss recognised in prior years is recorded when there is an indication that the impairment loss recognised for the asset no longer exists or has decreased. An impairment loss is only reversed to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment has been recognised. The reversal is recorded in the income and expenditure account.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(k) Financial assets -**

Classification

The Group classifies its financial assets in the following categories: at fair value through profit or loss, loans and receivables, held-to-maturity, and available-for-sale. The classification depends on the purpose for which the assets were acquired. Management determines the classification of its financial assets at initial recognition. The designation of financial assets at fair value through profit or loss is irrevocable. Apart from loans and receivables, the Group has no other financial assets.

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They are presented as current assets, except for those maturing later than 12 months after the financial year end date which are presented as non-current assets.

Recognition and derecognition

Loans and receivables are recognised on the statement of financial position when, and only when, the Group becomes a party to the contractual provisions of the financial instrument.

Loans and receivables are derecognised when the rights to receive cash flows from the financial assets have expired or have been transferred and the Group has transferred substantially all the risks and rewards of ownership.

Measurement

Loans and receivables are initially recognised at fair value plus transaction costs and are subsequently carried at amortised cost using the effective interest method.

Impairment

The Group assesses at each financial year end date whether there is objective evidence that the loans and receivables are impaired and recognised an allowance for impairment when such evidence exists.

Significant financial difficulties of the debtor, probability that the debtor will enter bankruptcy, and default or significant delay in payments are objective evidence that these financial assets are impaired.



**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(k) Financial assets (continued) -**

Impairment (continued)

The carrying amount of these assets is reduced through the use of an impairment allowance account which is calculated as the difference between the carrying amount and the present value of estimated future cash flows, discounted at the original effective interest rate. When the asset becomes uncollectible, it is written off against the allowance account. Subsequent recoveries of amounts previously written off are recognised against the same line item in the income and expenditure account.

**(l) Income tax -**

Income tax on the surplus or deficit for the year comprises current and deferred tax. Income tax is recognised in the surplus or deficit except to the extent that it relates to items recognised directly to funds and reserves, in which case it is recognised in funds and reserves.

Current tax is the expected tax payable on the taxable income for the year, using the tax rates enacted or substantially enacted at the financial year end date, and any adjustment to tax payable in respect of previous years.

Deferred income tax is provided using the liability method, on all temporary differences at the financial year end date arising between the tax bases of assets and liabilities and their carrying amounts in the financial statements. Currently enacted tax rates are used in the determination of deferred income tax.

Deferred tax assets are recognised to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilised.

**(m) Financial liabilities -**

Financial liabilities are recognised on the statement of financial position when the Group becomes a party to the contractual provisions of the financial instrument. All interest-related charges are recognised as an expense in “finance costs” in the income and expenditure account.

Borrowings are recognised initially at fair value of proceeds received less attributable transaction costs, if any. Borrowings are subsequently stated at amortised cost which is the initial fair value less any principal repayments. Any difference between the proceeds (net of transaction costs) and the redemption value is taken to the income and expenditure account over the period of the borrowings using the effective interest method.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(m) Financial liabilities (continued) -**

Payables which represent the consideration of the goods and services to be paid in the future, are initially measured at fair value, and subsequently measured at amortised cost, using the effective interest method.

The Group's financial liabilities include accounts payables and accrued liabilities, long-term loan and where applicable, amount due to subsidiaries.

**(n) Leases -**

Leases where the lessor effectively retains substantially all the risks and benefits of ownership of the leased assets are classified as operating leases. Operating lease payments are recognised as an expense in the income and expenditure account on a straight-line basis over the lease term.

**(o) Income recognition -**

Membership subscription is recognised on receipt basis in the year the subscription relates to.

Income and corresponding costs of the SIA publications and functions held are recognised upon the issue of the publications and completion of the functions respectively.

Revenue from sales of software goods is recognised when significant risks and rewards of ownership are transferred to the buyer and the amount of revenue and costs of the transaction (including future costs) can be measured reliably. Revenue from software services is recognised when services are rendered.

Grants are recognised as income on a basis to match them with the related cost or where there is no existing basis for allocating a grant, recognised when received.

Rental income from operating lease is recognised on a straight-line basis over the lease term.

Interest income from the bank deposits is accrued on time basis, using effective interest method.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**(p) Employee benefits -**

Employees' leave entitlement

Employees' entitlements to annual leave are recognised when they accrue to employees. A provision is made for the estimated liability for leave as a result of services rendered by employees up to the financial year end date.

Defined contribution pension scheme

The Group makes contribution to the Central Provident Fund Scheme in Singapore, a defined contribution pension scheme. These contributions are recognised as compensation expenses in the same period as the employment that give rise to the contributions.

**3. CRITICAL ACCOUNTING ESTIMATES, ASSUMPTIONS AND JUDGEMENTS**

Estimates, assumptions and judgements are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

**(a) *Estimated impairment of non-financial assets***

Property, plant and equipment, intangible asset and investment in subsidiaries and an associate are tested for impairment whenever there is any objective evidence or indication that these assets may be impaired.

The Group assesses at each reporting date whether there is an indication that the property, plant and equipment, intangible asset and investment in subsidiaries and an associate may be impaired. This requires an estimation of the value in use of the cash generating units. Estimating the value in use requires the Group to make an estimate of the expected future cash flows from the cash-generating units and also to choose a suitable discount rate in order to calculate the present value of those cash flows.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**3. CRITICAL ACCOUNTING ESTIMATES, ASSUMPTIONS AND JUDGEMENTS  
(Continued)**

(b) *Uncertain tax positions*

The Group is subject to income taxes during the financial year. In determining the income tax liabilities, management is required to estimate the amount of capital allowances, the exemption of certain non-taxable source of income and the deductibility of certain expenses (“uncertain tax positions”) for each financial year.

The Group has significant open tax assessments with the tax authority at the reporting date. As the Management believes that the tax positions are sustainable, the Group has not recognised any additional tax liability on these uncertain tax positions.

(c) *Impairment of loans and receivables*

Management reviews its loans and receivables for objective evidence of impairment on a case-by-case basis when they believe that payment of amounts owed is unlikely to occur. Where there is objective evidence of impairment, Management makes judgements as to whether an impairment loss should be recorded in the income and expenditure account. In determining this, Management uses estimates based on historical experience and changes to customers’ financial position.

(d) *Useful lives of property, plant and equipment*

The cost of property, plant and equipment is depreciated on a straight-line basis over their respective useful lives. Management estimates that the useful lives of these property, plant and equipment to be 1-50 years. These are common life expectancies applied in the industry.

(e) *Classification of leasehold building and land*

Management considers the leasehold property which is held for rentals and substantially use as owner-occupied property, a leasehold property classified under FRS 16, leasehold buildings and land in the accounts.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**4. PROPERTY, PLANT & EQUIPMENT**

	<b>Leasehold buildings and land \$</b>	<b>Building improvements &amp; renovation \$</b>	<b>Air conditioning system \$</b>	<b>Furniture, fittings &amp; office equipment \$</b>	<b>Computer equipment \$</b>	<b>Total \$</b>
<b>The Group -</b>						
<b>2016</b>						
<i>Cost</i>						
At 1 January 2016	9,726,178	145,511	131,755	99,497	155,653	10,258,594
Additions	100,266	24,013	-	1,041	11,359	136,679
Disposals	-	-	-	-	(26,000)	(26,000)
	-----	-----	-----	-----	-----	-----
At 31 December 2016	9,826,444	169,524	131,755	100,538	141,012	10,369,273
	-----	-----	-----	-----	-----	-----
<i>Accumulated depreciation</i>						
At 1 January 2016	1,405,366	4,798	7,478	34,719	155,653	1,608,014
Depreciation charge	196,528	15,897	26,351	14,327	8,196	261,299
Deletions	-	-	-	-	(26,000)	(26,000)
	-----	-----	-----	-----	-----	-----
At 31 December 2016	1,601,894	20,695	33,829	49,046	137,849	1,843,313
	-----	-----	-----	-----	-----	-----
<i>Net book value</i>						
At 31 December 2016	8,224,550	148,829	97,926	51,492	3,163	8,525,960
	=====	=====	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**4. PROPERTY, PLANT & EQUIPMENT (Continued)**

	<b>Leasehold buildings and land \$</b>	<b>Building upgrade-in- progress \$</b>	<b>Building improvements &amp; renovation \$</b>	<b>Air conditioning system \$</b>	<b>Furniture, fittings &amp; office equipment \$</b>	<b>Computer equipment \$</b>	<b>Total \$</b>
<b>The Group -</b>							
<b>2015</b>							
<i>Cost</i>							
At 1 January 2015	7,915,200	471,018	54,790	-	38,785	153,831	8,633,624
Additions	-	1,339,960	145,511	131,755	67,239	1,822	1,686,287
Reclassification	1,810,978	(1,810,978)	-	-	-	-	-
Disposals	-	-	(54,790)	-	(6,527)	-	(61,317)
At 31 December 2015	9,726,178	-	145,511	131,755	99,497	155,653	10,258,594
<i>Accumulated depreciation</i>							
At 1 January 2015	1,210,842	-	54,790	-	36,398	153,831	1,455,861
Depreciation charge	194,524	-	4,798	7,478	4,848	1,822	213,470
Deletions	-	-	(54,790)	-	(6,527)	-	(61,317)
At 31 December 2015	1,405,366	-	4,798	7,478	34,719	155,653	1,608,014
<i>Net book value</i>							
At 31 December 2015	8,320,812	-	140,713	124,277	64,778	-	8,650,580

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**4. PROPERTY, PLANT & EQUIPMENT (Continued)**

	<b>Improvement to premises \$</b>	<b>Air conditioning system</b>	<b>Furniture, fittings &amp; office equipment \$</b>	<b>Computer equipment \$</b>	<b>Total \$</b>
<b>The Institute -</b>					
<b>2016</b>					
<i>Cost</i>					
At 1 January 2016	145,511	131,755	73,370	51,567	402,203
Additions	24,013	-	1,041	5,320	30,374
Disposals	-	-	-	(26,000)	(26,000)
	-----	-----	-----	-----	-----
At 31 December 2016	169,524	131,755	74,411	30,887	406,577
	-----	-----	-----	-----	-----
<i>Accumulated depreciation</i>					
At 1 January 2016	4,798	7,478	9,961	51,567	73,804
Depreciation charge	15,897	26,351	13,742	2,660	58,650
Deletions	-	-	-	(26,000)	(26,000)
	-----	-----	-----	-----	-----
At 31 December 2016	20,695	33,829	23,703	28,227	106,454
	-----	-----	-----	-----	-----
<i>Net book value</i>					
At 31 December 2016	148,829	97,926	50,708	2,660	300,123
	=====	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**4. PROPERTY, PLANT & EQUIPMENT (Continued)**

	<b>Improvement to premises \$</b>	<b>Air conditioning system</b>	<b>Furniture, fittings &amp; office equipment \$</b>	<b>Computer equipment \$</b>	<b>Total \$</b>
<b>The Institute -</b>					
<b>2015</b>					
<i>Cost</i>					
At 1 January 2015	54,790	-	12,658	49,746	117,194
Additions	145,511	131,755	67,239	1,821	346,326
Disposals	(54,790)	-	(6,527)	-	(61,317)
	-----	-----	-----	-----	-----
At 31 December 2015	145,511	131,755	73,370	51,567	402,203
	-----	-----	-----	-----	-----
<i>Accumulated depreciation</i>					
At 1 January 2015	54,790	-	12,225	49,746	116,761
Depreciation charge	4,798	7,478	4,263	1,821	18,360
Deletions	(54,790)	-	(6,527)	-	(61,317)
	-----	-----	-----	-----	-----
At 31 December 2015	4,798	7,478	9,961	51,567	73,804
	-----	-----	-----	-----	-----
<i>Net book value</i>					
At 31 December 2015	140,713	124,277	63,409	-	328,399
	=====	=====	=====	=====	=====

The Group's leasehold building and land with a carrying amount of \$4,544,848 (2015 - \$4,648,140) is mortgaged to secure the Group's bank loan (Note 12).



**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

5. **INTANGIBLE ASSETS**

	<b>The Group and the Institute</b>	
	<b>2016</b>	<b>2015</b>
	\$	\$
<u>Building contracts development costs</u>		
<b>Cost</b>		
At 1 January	195,000	195,000
Additions	55,000	-
	-----	-----
At 31 December	250,000	195,000
	-----	-----
<b>Accumulated amortisation</b>		
At 1 January	-	-
Charge for the year	4,000	-
	-----	-----
At 31 December	4,000	-
	-----	-----
<b>Net book value</b>		
At 31 December	246,000	195,000
	=====	=====

The above development costs consist of professional services incurred on the development of Singapore Institute of Architects New Form of Building Contracts.

6. **INVESTMENT IN SUBSIDIARIES**

	<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>
	\$	\$
Unquoted equity shares, at cost	240,000	240,000
Amount due from a subsidiary, non-trade	6,364,985	6,364,985
	-----	-----
	6,604,985	6,604,985
	=====	=====

Advance to a subsidiary is unsecured, interest-free and is in substance, a part of the net investment in a subsidiary and is stated at cost. The settlement of the amount is neither planned nor likely to occur in the foreseeable future.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

**6. INVESTMENT IN SUBSIDIARIES (Continued)**

The Institute had the following subsidiaries as at 31 December -

	Cost of investment		Percentage	Principal activities
	2016	2015	equity held	
	\$	\$	%	
Held by the Institute -				
Singapore Institute of Architects Holdings Pte Ltd (Incorporated in Singapore)	120,000	120,000	100	Investment holding company
Institute of Architects (Singapore) Enterprise Pte Ltd (Incorporated in Singapore)	120,000	120,000	100	Investment holding company
	-----	-----		
	240,000	240,000		
	=====	=====		
Held by Institute of Architects (Singapore) Enterprise Pte Ltd -				
SIACAD Pte Ltd (Incorporated in Singapore)	40,000	40,000	80	Develop and deal in software and multimedia works
Academy.SIA Pte Ltd (Incorporated in Singapore)	2	2	100	Dormant. Its proposed activity is to undertake continuing professional development for architects and other allied professions
SIA Press Pte. Ltd. (Incorporated in Singapore)	1	1	100	Publications and media.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

**7. INVESTMENT IN ASSOCIATE**

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
Unquoted equity shares, at cost	20,000	20,000
Share of loss	(1,279)	(600)
	-----	-----
	18,721	19,400
	=====	=====

Details of the associate is as follows:

	<b>Cost of investment</b>		<b>Percentage</b>	<b>Principal activities</b>
	<b>2016</b>	<b>2015</b>	<b>equity held</b>	
	<b>\$</b>	<b>\$</b>	<b>%</b>	
Held by Institute of Architects (Singapore) Enterprise Pte Ltd -				
INPQS Pte. Ltd.* (Incorporated in Singapore)	20,000	20,000	33	Its proposed activity is the development and maintenance of the eNPQS.

\*Financial statements for the period ended 31 December 2016 were not required to be audited.

The Company's share of the associate's results, assets and liabilities, are as follows:

	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
<b>Assets and liabilities</b>		
Total assets	56,163	60,000
Total liabilities	-	1,800
<b>Results for the period</b>		
Net loss for the period	2,037	1,800
Other comprehensive income	-	-
Total comprehensive income	2,037	1,800

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**8. CASH, BANK BALANCES AND FIXED DEPOSITS AT BANKS**

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	\$	\$
Cash and cash equivalents included in the consolidated statement of cash flows comprise the following amounts -		
Cash on hand and at bank	1,097,230	1,462,502
Fixed deposits at banks	1,317,271	366,891
	-----	-----
	2,414,501	1,829,393
	=====	=====

**9. OTHER RECEIVABLES, DEPOSITS AND PREPAYMENTS**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	\$	\$	\$	\$
Deposits	9,546	11,697	5,210	7,360
Prepayments	26,844	32,273	50,756	18,156
Other receivables	116,426	53,416	-	-
	-----	-----	-----	-----
	152,816	97,386	55,966	25,516
	=====	=====	=====	=====

**10. AMOUNTS DUE FROM SUBSIDIARIES**

The amounts due from subsidiaries are unsecured, interest-free and repayable on demand. The amounts due from subsidiaries, include an allowance for impairment of \$267,000 (2015 - \$225,000), are arose from non-trade transactions.

**11. ACCOUNTS PAYABLES, ACCRUED LIABILITIES AND PROVISIONS**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	\$	\$	\$	\$
Accounts payables	122,102	102,711	95,365	23,151
Accrued operating expenses	170,053	134,145	123,822	103,662
Provision for staff benefits	-	34,368	-	34,368
Rental deposits received	54,598	54,598	-	-
Other payables	83,851	151,802	500	49,700
	-----	-----	-----	-----
	430,604	477,624	219,687	210,881
	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**12. LONG-TERM LOAN, SECURED**

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
Presented under current liabilities		
- due within one year	164,614	171,706
	-----	-----
Presented under non-current liabilities		
- due within two to five years	614,459	576,129
- due after five years	2,045,594	2,244,939
	-----	-----
	2,660,053	2,821,068
	-----	-----
	-----	-----
	2,824,667	2,992,774
	=====	=====

The loan is secured by -

- (A) First legal mortgage over the Group's leasehold property located at 81/A/B Neil Road Singapore 088905. A deed of assignment of the rights, titles and benefits of the sale and purchase agreement(s)/building agreement(s)/agreement(s) for lease relating the investment property;
- (B) Assignment of rental proceeds. An assignment of all rights, title and benefits under existing and future tenancy agreements and rental income in respect of the leasehold property located at 81/A/B Neil Road, Singapore 088905; and

The loan is repayable in 240 monthly instalments commencing March 2011 and is subsequently refinanced on 8 July 2015 and currently bears the following interest rates-

- (i) 1st to 8th three-months interest period: Prevailing 3-month Singapore Interbank Offered Rate plus 1.20% per annum
- (ii) 9th & subsequent three-months interest period: Prevailing 3-month Singapore Interbank Offered Rate plus 3.00% per annum

The effective interest rate charged during the financial year was ranged from 2.07% to 2.41% (2015 - 2.02% to 2.38%) per annum.

**13. NON-CONTROLLING INTEREST**

The non-controlling interest is held by a Company of which an associate member of the Institute has interest.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

**14. SUBSCRIPTION AND ENTRANCE FEES**

	<b>The Group and the Institute</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
Subscription fees	448,520	407,999
Entrance fees	19,327	10,480
Administrative fees	4,347	-
	-----	-----
	472,194	418,479
	=====	=====

**15. PUBLICATION INCOME AND EXPENDITURE**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Comprises:				
a) Income from SA Magazine and publications				
- advertisers	229,522	291,876	-	-
- sales	7,164	13,315	28	33
- subscriptions	4,407	3,186	-	-
- delivery fee collected	14	5,233	-	-
- capability from profile	100,692	3,799	100,692	3,799
- miscellaneous	286	-	286	-
	-----	-----	-----	-----
	342,085	317,409	101,006	3,832
Expenditure				
- publication and related cost	(332,113)	(317,431)	(52,837)	4,025
	-----	-----	-----	-----
	9,972	(22)	48,169	7,857
	-----	-----	-----	-----
b) Income from newsletter	-	-	-	-
Expenditure	(28,211)	(11,304)	(28,211)	(11,304)
	-----	-----	-----	-----
	(28,211)	(11,304)	(28,211)	(11,304)
	-----	-----	-----	-----
c) Income from contract document	52,385	59,153	52,385	59,153
Expenditure	(26,565)	(6,309)	(26,565)	(6,309)
	-----	-----	-----	-----
	25,820	52,844	25,820	52,844
	-----	-----	-----	-----

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**15. PUBLICATION INCOME AND EXPENDITURE (Continued) -**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	\$	\$	\$	\$
d) Income Design Award Book				
- sales of book	143	1,547	-	-
Expenditure				
- publication and related cost	-	-	-	-
	-----	-----	-----	-----
	143	1,547	-	-
	-----	-----	-----	-----
e) Income from Heritage Book				
- sales of book	192	26,810	-	-
- NHB grants	-	55,000	-	-
Expenditure	(4,785)	(127,070)	-	-
	-----	-----	-----	-----
	(4,593)	(45,260)	-	-
	-----	-----	-----	-----
	3,131	(2,195)	45,778	49,397
	=====	=====	=====	=====

**16. EDUCATION INCOME AND EXPENDITURE**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	\$	\$	\$	\$
Comprises:				
Income from seminars	586,042	446,828	586,042	446,828
Expenditure	(131,817)	(96,127)	(154,826)	(96,127)
	-----	-----	-----	-----
	454,225	350,701	431,216	350,701
	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**17. EVENT INCOME AND EXPENDITURE**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Comprises:				
a) Income from Annual Dinner and Sponsorship	177,083	187,674	177,083	187,674
Expenditure	(164,440)	(240,918)	(164,440)	(240,918)
	-----	-----	-----	-----
	12,643	(53,244)	12,643	(53,244)
	-----	-----	-----	-----
b) Income from Annual Golf Tournament	200,748	148,505	200,748	148,505
Expenditure	(82,719)	(78,367)	(82,719)	(78,367)
	-----	-----	-----	-----
	118,029	70,138	118,029	70,138
	-----	-----	-----	-----
c) Income from Architectural Design Award	109,217	116,147	109,217	116,147
Expenditure	(77,850)	(118,410)	(85,252)	(118,410)
	-----	-----	-----	-----
	31,367	(2,263)	23,965	(2,263)
	-----	-----	-----	-----
d) Income from Getz Prize Award	15,000	-	15,000	-
Expenditure	(86)	-	(114)	-
	-----	-----	-----	-----
	14,914	-	14,886	-
	-----	-----	-----	-----
e) Income from ArchiFest	98,932	130,428	98,932	130,428
Expenditure	(189,092)	(128,364)	(192,657)	(128,364)
	-----	-----	-----	-----
	(90,160)	2,064	(93,725)	2,064
	-----	-----	-----	-----
f) Income from Archi Tour	18,469	13,232	18,469	13,232
Expenditure	(12,940)	(9,394)	(13,193)	(9,394)
	-----	-----	-----	-----
	5,529	3,838	5,276	3,838
	-----	-----	-----	-----



**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**17. EVENT INCOME AND EXPENDITURE (Continued)**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
g) Income from ArchXpo	43,018	55,175	43,018	55,175
Expenditure	-	(3,930)	(375)	(3,930)
	-----	-----	-----	-----
	43,018	51,245	42,643	51,245
	-----	-----	-----	-----
h) Income from Practice Convention	-	24,860	-	24,860
Expenditure	-	(13,473)	-	(13,473)
	-----	-----	-----	-----
	-	11,387	-	11,387
	-----	-----	-----	-----
i) Income from design awards	39,900	63,800	39,900	63,800
Expenditure	(684)	(3,038)	(834)	(3,038)
	-----	-----	-----	-----
	39,216	60,762	39,066	60,762
	-----	-----	-----	-----
j) Income from Uniseal Awards	60,438	-	60,438	-
Expenditure	(18,755)	-	(18,755)	-
	-----	-----	-----	-----
	41,683	-	41,683	-
	-----	-----	-----	-----
k) Income from SIA Members' Night	4,860	-	4,860	-
Expenditure	(5,111)	-	(5,386)	-
	-----	-----	-----	-----
	(251)	-	(526)	-
	-----	-----	-----	-----
l) Income from The Open Studio	4,800	-	4,800	-
Expenditure	(1,658)	-	(1,883)	-
	-----	-----	-----	-----
	3,142	-	2,917	-
	-----	-----	-----	-----
m) Other event expenditure	(8,420)	-	(8,420)	-
	-----	-----	-----	-----
	210,710	143,927	198,437	143,927
	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

**18. OTHER PROJECT INCOME AND EXPENDITURE**

	<b>The Group and the Institute</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
Comprises:		
a) Income from SIA Anniversary and commemorative book	-	220
	-----	-----
b) Registration fees for arbitration and ABC water professional	4,400	12,300
	-----	-----
c) Charity project	-	22,065
Expenditure	-	(22,068)
	-----	-----
	-	(3)
	-----	-----
d) JTC Good Practice Guide	-	68,000
Expenditure	(681)	(60,000)
	-----	-----
	(681)	8,000
	-----	-----
e) Incubator project expenditure	(26,854)	-
	-----	-----
	(23,135)	20,517
	=====	=====

**19. SALE OF SOFTWARE AND SOFTWARE DEVELOPMENT**

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
Sale of software and software development	607,850	692,555
Cost of sale of software	(281,179)	(322,417)
	-----	-----
	326,671	370,138
	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**20. COMMITTEE EXPENDITURE**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Meeting and other general expenses	32,976	46,254	33,481	46,254
Project expenses	-	8,402	-	8,402
	-----	-----	-----	-----
	32,976	54,656	33,481	54,656
	=====	=====	=====	=====

**21. MEMBERSHIP EXPENDITURE**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
SA Magazine	-	-	41,528	35,680
Other miscellaneous expenditure	22,971	-	25,775	-
	-----	-----	-----	-----
	22,971	-	67,303	35,680
	=====	=====	=====	=====

**22. OTHER INCOME**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Management fees	-	-	108,000	108,000
Retainer and other service fees	30,103	-	30,103	-
Bank interest income	3,177	2,022	3,177	1,998
Wage credit scheme	717	12,970	-	7,544
Special employment credit	274	5,210	-	4,934
PIC cash payout	1,698	5,210	-	-
Temporary employment credit	2,391	1,062	-	-
Productivity Innovation Project				
Grant	54,073	47,955	-	-
Rental income	217,809	25,783	5,364	-
Gain on exchange difference	195	799	-	-
Miscellaneous income	22,287	39,344	21,172	39,344
	-----	-----	-----	-----
	332,724	140,355	167,816	161,820
	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**23. GENERAL AND ADMINISTRATIVE EXPENDITURE**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
a) Staff cost (Note 27)	1,065,569	1,032,104	781,864	720,957
b) Building upkeep expenses				
Operating lease payments for office premises	21,017	46,629	197,305	81,100
Property tax and other taxes	49,450	44,120	-	-
Building repairs and maintenance	25,333	14,864	19,920	10,175
Insurance	6,015	5,131	3,950	3,416
Water & light	22,897	7,151	20,547	3,048
	-----	-----	-----	-----
	124,712	117,895	241,722	97,739
	-----	-----	-----	-----
c) General & office expenses				
Skill development levies	1,850	1,690	1,343	1,170
Printing & stationery	8,109	10,516	6,311	6,816
Postage & stamps	6,755	4,077	5,052	1,296
Telephone & fax	12,200	9,325	7,537	4,851
Office equipment repairs/ maintenance	-	3,287	-	3,287
Depreciation (Note 4)	64,771	18,946	58,650	18,360
Amortisation (Note 5)	4,000	-	4,000	-
Office equipment rental	5,844	6,079	5,844	5,196
Computer expenses	10,025	14,010	1,155	1,868
Overseas travelling	3,606	(7,619)	-	(7,619)
Transportation	3,367	11,325	1,174	3,832
Subscriptions	13,404	9,622	13,404	9,622
Publication & periodicals	-	473	-	473
Website hosting and maintenance	2,652	11,257	1,905	10,700
Training expenses	246	4,864	-	4,800
Refreshments	-	1,393	-	1,393
Entertainment	1,221	3,017	-	1,961
Directors' fees of subsidiary companies	16,150	3,794	-	-
Trustee fee	3,600	-	3,600	-
Legal & professional fees	38,855	29,775	10,970	4,630
Accounting fee	3,240	3,240	-	-
Staff recruitment	1,520	4,272	1,520	4,272
Audit fee	26,677	25,970	11,500	12,075
Donations and sponsorship	41,006	5,000	41,006	5,000

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**23. GENERAL AND ADMINISTRATIVE EXPENDITURE (Continued)**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Bank charges	9,026	9,690	5,582	4,140
General expenses	7,058	20,710	5,343	2,258
Office relocation	-	17,717	-	17,717
Premises opening expenses	-	4,155	-	4,155
	-----	-----	-----	-----
	285,182	226,585	185,896	122,253
	-----	-----	-----	-----
	1,475,463	1,376,584	1,209,482	940,949
	=====	=====	=====	=====

**24. OTHER OPERATING EXPENDITURE**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Foreign exchange loss	-	51	-	51
Allowances for impairment of receivables (trade)	-	3,738	-	3,738
Allowances for impairment of receivables (non-trade)	-	-	42,000	74,000
	-----	-----	-----	-----
	-	3,789	42,000	77,789
	=====	=====	=====	=====

**25. FINANCE COSTS**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Long-term loan interest	65,259	69,970	-	-
	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**26. NET INCREASE IN BUILDING FUND**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Levy, donations and funds raised for SIA premises	278,238	1,248,800	278,238	1,248,800
Less: Depreciation of leasehold building and land (Note 4)	196,528	194,524	-	-
	<u>81,710</u>	<u>1,054,276</u>	<u>278,238</u>	<u>1,248,800</u>
	=====	=====	=====	=====

Building fund represents donations received specifically to acquire SIA premises and improve the building. The fund will be reduced over the useful economic life of the building and improvements in line with their depreciation.

**27. STAFF COSTS**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Salaries	912,542	840,017	654,782	578,017
Bonus	20,400	58,700	20,400	38,000
Long service benefits	2,100	9,149	2,100	9,149
CPF	121,504	117,098	97,468	89,518
Staff benefits	9,023	7,140	7,114	6,273
	<u>1,065,569</u>	<u>1,032,104</u>	<u>781,864</u>	<u>720,957</u>
	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016**

**28. TAXATION**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
a) Tax (benefit)/expense				
Tax on deficit/surplus for the year -				
- current tax	11,400	(18,500)	-	(20,000)
- deferred tax	(15,730)	31,763	(12,400)	28,300
	-----	-----	-----	-----
	(4,330)	13,263	(12,400)	8,300
(Over)/under provision in respect of prior year -				
- current tax	3,000	(3,523)	3,000	(3,523)
- deferred tax	(2,600)	-	(2,600)	-
	-----	-----	-----	-----
	(3,930)	9,740	(12,000)	4,777
	=====	=====	=====	=====

b) Deferred tax liabilities

Deferred taxes as at 31 December relate to the following -

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Deferred tax on temporary differences*				
- tax over book depreciation	133	21,233	-	21,000
- accruals and provisions	-	(6,000)	-	(6,000)
- grants receivables	-	3,230	-	-
	-----	-----	-----	-----
Net deferred tax liabilities	133	18,463	-	15,000
	=====	=====	=====	=====

\* Deferred tax on temporary differences for the Group and the Institute are computed based on corporate tax rate of 17% for quantification purposes.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

28. **TAXATION (Continued)**

b) Deferred tax (continued)

Movement in net deferred tax (assets)/liabilities account is as follows -

	<b>The Group</b>				<b>The Institute</b>		
	Tax over book depreciation \$	Accruals/ Provisions \$	Grants receivables \$	Total \$	Tax over book depreciation \$	Accruals/ Provisions \$	Total \$
<b>2016</b>							
Beginning of financial year	21,233	(6,000)	3,230	18,463	21,000	(6,000)	15,000
Tax debited to surplus/ (deficit) for the year	(21,100)	6,000	(3,230)	(18,330)	(21,000)	6,000	(15,000)
	-----	-----	-----	-----	-----	-----	-----
End of financial year	133	-	-	133	-	-	-
	=====	=====	=====	=====	=====	=====	=====
<b>2015</b>							
Beginning of financial year	75	(13,375)	-	(13,300)	75	(13,375)	(13,300)
Tax credited to surplus/ (deficit) for the year	21,158	7,375	3,230	31,763	20,925	7,375	28,300
	-----	-----	-----	-----	-----	-----	-----
End of financial year	21,233	(6,000)	3,230	18,463	21,000	(6,000)	15,000
	=====	=====	=====	=====	=====	=====	=====



**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

28. **TAXATION (Continued)**

c) Reconciliation

A reconciliation between current year's tax (benefit)/expense and the amount of income tax expense determined by applying the applicable statutory tax rate to surplus/deficit for the year before tax is as follows -

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Surplus/(deficit) before tax	179,173	(63,677)	(59,960)	35,767
Tax at the statutory tax rate of 17%	30,400	(10,800)	(10,200)	6,100
Exempt income	(24,900)	(3,000)	-	-
Tax effect of expenses/(revenue) that are not deductible/(taxable) in determining taxable profit				
- non-tax deductible expenses	11,508	27,150	14,000	14,200
- revenue that is non-taxable	(2,990)	(2,290)	(2,700)	(1,800)
Additional tax allowance and rebates	(27,630)	(10,850)	(16,000)	(10,200)
Tax effect of temporary differences not recognised previously	-	333	-	-
Tax effect of losses and allowances not recognised	9,490	12,720	2,500	-
Rounding differences	(208)	-	-	-
Current year's tax (benefit)/expense	(4,330)	13,263	(12,400)	8,300

29. **RELATED PARTY TRANSACTIONS**

During the financial year, the Group and the Institute had the following transactions with the following related parties -

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
i) Rental charged by a subsidiary	-	-	214,280	54,930
ii) Management fee charged subsidiaries	-	-	108,000	108,000

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

29. **RELATED PARTY TRANSACTIONS (Continued)**

	The Group		The Institute	
	2016	2015	2016	2015
	\$	\$	\$	\$
iii) Director's remuneration paid to a subsidiary's director who is a member of the Institute	105,360	112,160	-	-
iv) Directors' fee paid to subsidiaries' directors who are members/past presidents of the Institute	16,150	3,238	-	-
v) Honorarium paid to Trustees who are members/past presidents of the Institute	3,600	1,200	3,600	1,200
vi) Honorarium fees paid to office bearer/council member for seminars	19,975	4,125	19,975	4,125
vii) Steering committee fees paid to office bearer/council member for seminars	260	-	260	-
viii) Editor and writer fees paid to executive director of the Institute	4,400	-	-	-
ix) Rental paid to a firm of which certain office bearer/council member has interest	-	26,170	-	26,170
x) Remuneration paid to a key management personnel of a subsidiary who is also wife of a subsidiary's director	52,884	56,784	-	-
xi) IT services rendered by a subsidiary	-	-	1,200	1,200

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

29. **RELATED PARTY TRANSACTIONS (Continued)**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
xii) Publication services rendered by a subsidiary	-	-	63,144	35,680
xiii) A corporate guarantee is provided by the institute to one of its incorporated company against a mortgage loan. As at 31 December 2016, the loan has amounted to \$2,824,667 (2015 - \$2,992,774).				

30. **COMMITMENTS**

At the end of the financial year, the Group has the following outstanding commitment in respect of non-cancellable operating lease for office premises -

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
Payable within 1 year	7,753	7,753
	=====	=====

The future minimum lease payments receivable under non-cancellable operating lease in respect of leasing of premises contracted for at year end date are as follows -

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
Within one year	181,995	218,394
	=====	=====
Within two to five years	-	181,995
	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**31. FINANCIAL INSTRUMENTS**

The Group's activities expose it to market risk (including interest rate risk), credit risk and liquidity risk arising in the normal course of the Group's businesses.

**Interest rate risk**

Cash flow interest rate risk is the risk that the future cash flows of a financial instrument will fluctuate because of changes in market interest rates. Fair value interest rate risk is the risk that the fair value of a financial instrument will fluctuate due to changes in market interest rates.

The Group's exposure to risk for changes in interest rates relates to the Group's fixed deposits and borrowings.

The Group placed surplus funds with reputable banks as fixed deposits to generate interest income for the Group. The Group manages its interest rate exposure in relation to borrowings (Note 12) by obtaining the most favourable interest rate available. The Group does not use derivative financial instruments to hedge interest rate risks.

If the interest rates increase/decrease by 50 basis points with all other variables including tax rate being held constant, the impact on the Group and Institute profit after tax will be as follows -

	<b>2016</b>		<b>2015</b>	
	<b>Higher</b>	<b>Lower</b>	<b>Higher</b>	<b>Lower</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Profit after tax will be higher/lower when borrowing rates decrease/increase by 50 basis points	12,101	34,029	6,085	6,085
	=====	=====	=====	=====

**Credit risk**

The Group has no significant concentration of credit risk.

The Group performs ongoing credit evaluations of its customers' financial condition and generally requires no collateral to secure accounts receivable. Surplus funds are placed with reputable banks.

The carrying amount of cash and bank balances, fixed deposits at banks, accounts receivable and other receivables represent the Group's maximum exposure to credit risk in relation to financial assets.

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**31. FINANCIAL INSTRUMENTS (Continued)**

Financial assets that are past due and/or impaired

There is no other class of financial assets that is past due and/or impaired except for accounts receivable and other receivables.

The age analysis of accounts receivable and other receivables past due but not impaired is as follows -

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Past due < 3 months	132,919	141,036	96,578	96,145
Past due 3 to 6 months	15,073	45,357	268	3,120
Past due over 6 months	-	2,150	-	2,150
	-----	-----	-----	-----
	147,992	188,543	96,846	101,415
	=====	=====	=====	=====

**Liquidity risk**

In the management of liquidity risk, the Group monitors and maintains a level of cash and bank balances deemed adequate by the Management to finance the Group's operations and mitigate the effects of fluctuations in cash flows.

The table below analyses the maturity profile of the financial liabilities of the Group and the Institute based on contractual undiscounted cash flow.

	<b>Less than</b>	<b>Between</b>	<b>Between</b>	<b>Over 5</b>
	<b>1 year</b>	<b>1 and 2</b>	<b>2 and 5</b>	<b>years</b>
	<b>\$</b>	<b>years</b>	<b>years</b>	<b>years</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>The Group</b>				
<b>2016</b>				
Trade and other payables	388,409	-	-	-
Long-term loan, secured	236,800	240,000	741,900	2,435,258
	-----	-----	-----	-----
	625,209	240,000	741,900	2,435,258
	=====	=====	=====	=====
<b>2015</b>				
Trade and other payables	388,658	54,598	-	-
Long-term loan, secured	241,685	237,500	737,300	2,771,797
	-----	-----	-----	-----
	630,343	292,098	737,300	2,771,797
	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

31. **FINANCIAL INSTRUMENTS (Continued)**

**Liquidity risk (continued)**

	<b>Less than 1 year \$</b>	<b>Between 1 and 2 years \$</b>	<b>Between 2 and 5 years \$</b>	<b>Over 5 years \$</b>
<b>The Institute</b>				
<b>2016</b>				
Trade and other payables	177,492	-	-	-
Amount due to subsidiary	52,383	-	-	-
	-----	-----	-----	-----
	229,875	-	-	-
	=====	=====	=====	=====
<b>2015</b>				
Trade and other payables	176,514	-	-	-
Amount due to subsidiary	34,592	-	-	-
	-----	-----	-----	-----
	211,106	-	-	-
	=====	=====	=====	=====

The Group's non-derivative financial assets of \$2,794,698 (2015 - \$2,377,952) are due on demand or within 1 year.

Except for non-current advance to a subsidiary (Note 6), the Institute's non-derivative financial assets of \$2,313,399 (2015 - \$1,811,404) are due on demand or within 1 year.

**Fair values of financial instruments**

The carrying amount of the different categories of financial instruments is as follows -

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	\$	\$	\$	\$
<b>Financial assets – Loans and receivables</b>				
Cash and cash equivalents	2,414,501	1,829,393	1,958,918	1,352,389
Accounts receivable	254,230	483,446	170,178	235,394
Refundable deposits and other receivables	125,972	65,113	5,210	7,360
Amounts due from subsidiary	-	-	6,544,098	6,581,246
	-----	-----	-----	-----
	2,794,703	2,377,952	8,678,404	8,176,389
	=====	=====	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

31. **FINANCIAL INSTRUMENTS (Continued)**

**Fair values of financial instruments (continued)**

	<b>The Group</b>		<b>The Institute</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Financial liabilities at amortised cost				
Account payables and accrued liabilities	388,409	443,256	177,492	176,514
Amount due to a subsidiary	-	-	52,383	34,592
Long-term loan, secured	2,824,667	2,992,774	-	-
	-----	-----	-----	-----
	3,213,076	3,436,030	229,875	211,106
	=====	=====	=====	=====

The carrying amounts of cash and bank balances, fixed deposits, receivables and payables approximate fair value due to the relatively short-term maturity of these financial instruments.

The fair value of term loan approximate its carrying value when determined using discounted cashflow analysis based on current interest rate for similar type of borrowing arrangement.

32. **COMPARATIVE FIGURES**

During the year, the Institute changed the classification of the expenditure item in the statement of comprehensive income to reflect the nature of the expenditure of the Institute more appropriately. Certain reclassifications have been made to the comparative figures to conform to the current year's presentation as follows -

	<b>The Institute</b>	
	<b>After reclassification 2015</b>	<b>Previously reported 2015</b>
	<b>\$</b>	<b>\$</b>
<u>Statement of Comprehensive Income</u>		
<b>Committee Expenditure</b>		
Meeting and other general expenses	46,254	81,934
Project expenses	8,402	8,402
	-----	-----
	54,656	90,336
	=====	=====
<b>Membership Expenditure</b>		
SA Magazine	35,680	-
	=====	=====

**SINGAPORE INSTITUTE OF ARCHITECTS  
AND ITS SUBSIDIARY COMPANIES**

**NOTES TO THE FINANCIAL STATEMENTS (Continued)**  
FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2016

**33. NEW ACCOUNTING STANDARDS, AMENDMENTS AND FRS INTERPRETATIONS**

Certain new Singapore Financial Reporting Standards (“FRS”) and Interpretations of FRS (“INT FRS”) and amendments to FRS have been published as at financial year end date but are not yet effective.

The Group will adopt the relevant new FRS and INT FRS and amendments to FRS on or after 1 January 2017. Based on the Group’s assessment, the implementation of those new FRS and INT FRS and amendments to FRS is not expected to significantly affect the Group’s and Institute’s financial statements.

**34. AUTHORISATION OF THE FINANCIAL STATEMENTS**

These financial statements were authorised for issue by the Council of the Institute on