



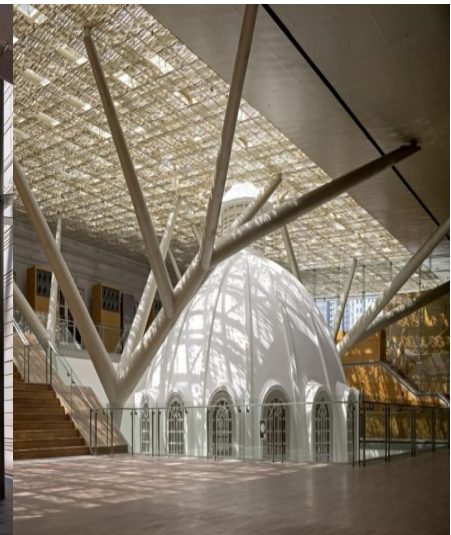
Architects Regional Council Asia

18<sup>th</sup> ARCASIA FORUM- Ayutthaya 2015



**CURRENT INITIATIVES 2015/2016**

Singapore Institute of Architects



# A New President: Ar. Ong Tze Boon

## President Message

### INCUBATING CHANGE

Dear Members,

Thank you for your vote of confidence to allow me to lead the Institute.

2015 is a milestone for SIA with the completion of SIA's new building by this September, and with these new beginnings the foremost priority for council is a drive for renewal, a focused and active engagement with younger architects and to align the deliverables and objectives of the institution to connect what the matured profession and young profession want.

- Nurturing the Next Generation
- Engaging The Young
- Collaboration & Incubation
- Business & Inspirational Talks
- Social & New Media Engagement
- Enhanced Relevance of the Institute

#### ENGAGEMENT

We have lined up a slew of exciting learning and experiential events and this handbook you are holding now will give you a great indicator of what the Institute has in store for the year (July 2015 - June 2016).

To give you a sneak preview on what's new:

#### CEO/INSPIRATIONAL TALKS -

Have a dialogue with Professor Kishore Mahbubani (23 July, 2015) in a closed door session to understand what is the future for Singapore.

#### BUSINESS TALKS -

Hear from Mr Eugene Khoo, Director, Maritime and Port Authority of Singapore on Singapore's port strategy.

#### EXPERIENTIAL TALKS -

Visit to the fire academy to learn more about the different roles of SCDF and the sophisticated CIVIL Defence system, manned by personnel on round-the-clock standby, that has been set up to cater for any emergency.

#### COLAB

Another exciting initiative to look forward to is the incubator programme - COLAB. COLAB targets members looking to set up their own practice. The Institute has allocated a space at the new SIA building and will offer collaborative workspace to members for free, this allows you to use the Institute's address to register your company, has a website storefront that you can use as a template to put out your work and guide you on how to setup your own practice properly.

#### WEBSITE

Singapore architects do amazing work but the Institute has not been playing that public front role enough to promote it to non-architects. In the next few months, the Institute will be launching a new website, similar to Dezeen, this will be a real public front to showcase members' works.

#### INSTITUTE WITH RELEVANCE

Our fraternity is about 1,500 members, and it's been like that for 10 years, notwithstanding that National University of Singapore (NUS) churns out about a hundred graduates every year. This is a subtle indication that the Institute is not renewing itself.

With all these new initiatives being rolled out, if we can show a marked increase of active members in a year and grow this by 5 to 10 percent, and if we can be more inclusive such that everybody wants to join and get benefits and contribute, then we have succeeded as an Institute with relevance.

Thank you once again, I look forward to your continual support and an exciting year ahead!

Sincerely,

**ONG TZE BOON**  
President  
35th Council 2015/2016

Singapore Institute of Architects

# Our Organization: 4 Strategic Thrusts



## DESIGN

- Archi Fest
- Design Awards
- Design Competition
- Sustainability
- Singapore Master Architect Talks
- Singapore Inspirational Talks

## PRACTICE

- Architect's Appointment
- Building Contracts
- Practice Convention
- Regulations; Codes & Standards
- Resource & Technology
- Small & Medium Architectural Practices
- Alternative Dispute Resolution

## EDUCATION

- Architectural Education
- Continuing Professional Development
- Architectural Practice Course
- Architectural Detailing Course
- Engaging Institutes of Higher Learning
- Rep on Board of Architects

## INSTITUTION

- Special Events
- Young Architects League
- Career Talks
- International Associations
- Membership
- Publications
- Partnership Programmes
- Corporate Social Responsibility
- SIA Group of Companies

# Design:

15<sup>th</sup>

Architectural

Design

Awards

- 1 Building of the Year
- 1 Best Project under \$2 Million
- 6 Design Awards
- 8 Honourable Mentions



## **BUILDING OF THE YEAR**

# **Victoria Theatre and Victoria Concert Hall**

Architect W Architects Pte Ltd

Client/Owner National Arts Council

Main Contractor Sato Kogyo (Singapore) Pte Ltd

Collaborating Consultants

- T.Y. Lin International Pte Ltd (CSE) (M&E)
- Arup (Singapore) Pte Ltd (Acoustics & Theatre Planning)
- Rider Levett Bucknall LLP (PM & QS)



## **BEST PROJECT UNDER \$2 MILLION**

# **DECK: An Art Space for People and Photography**

**Architect** LAUD Architects Pte Ltd

**Client/Owner** Art Photography Centre  
Ltd

**Main  
Contractor** Tong Hai Yang  
Construction Pte Ltd

**Collaborating  
Consultants** Aston Consulting  
Engineers (CSE)



# CATEGORY A

## Residential Projects

### DESIGN AWARD

## House with Bridges

Architect RT+Q Architects Pte Ltd

Client/Owner Ms Lim Sau Hoong

Main Contractor Builders Trends Pte Ltd

Collaborating Consultants PTS Consultants (PE)



## HONOURABLE MENTION

# Indian Heritage Centre Singapore

**Architect** Robert Greg Shand Architects  
+ URBNarc Pte Ltd (Urban Design)

**Client/Owner** National Heritage Board

**Main Contractor** Yong Xing Construction Pte Ltd

**Collaborating Consultants**

- Passage Project and Ease Consulting (Façade Structure)
- Surbana International Consultants (CSE)
- Mott MacDonald Singapore Pte Ltd (M&E) ONG&ONG Pte Ltd (Lighting)



## DESIGN AWARD

# SkyTerrace @ Dawson

**Architect** SCDA Architects Pte Ltd

**Client/Owner** Housing Development Board (HDB) Singapore

**Main Contractor** Sunhuan Construction Pte Ltd

**Collaborating Consultants**

- SCDA Landscape Pte Ltd
- Ronnie & Koh Consultants Pte Ltd (CSE)
- Bescon Consulting Engineers Pte (M&E)
- WT Partnership (QS)
- Zeb (Green)



## HONOURABLE MENTION

### National Gallery Singapore

**Architect** studioMilou Singapore Pte  
Ltd in collaboration with  
CPG Consultants Pte Ltd

**Client/Owner** National Gallery Singapore

**Main  
Contractor** Takenaka-Singapore Piling  
Joint Venture

**Collaborating  
Consultants**

- CPG Consultants Pte  
Ltd (CSE) (M&E)
- Architectural Restoration  
Consultants Pte Ltd  
(Conservation)



## Registration Of Architectural RTOs (Architectural Resident Technical Officers / Clerk-of-Works)

- Upgrade the skills of the RTO:
  - a. In understanding and quality monitoring of architectural works
  - b. In understanding and co-implementing building codes and regulations
  - c. Ensuring that as-built architectural works are in accordance with the architect's design intent in compliance with all relevant building codes
  - d. To minimize non-productive abortive work in order to adequately comply with the same
  - e. Enhanced career path in the industry



## Aggregated Simulated Fee (ASF)

### Rationale for ASF

- Industry's feedback on fee diving phenomenon in consultancy tenders
- Low fees quoted do not reconcile with actual resources committed
  - Compromise in quality
  - Impact on project delivery
- ASF is designed to encourage tenderers to reconcile their fees with the proposed manpower resources



## Lowering Business Cost

- Architectural Practice is part of building 'Manufacturing' Work Stream
- Architects should qualify to occupy Industrial Category Premises ...

SIA calling for industrial premises (e.g. B1) to be made available to service-based businesses.

SIA continues to work with the agencies to lift the restriction and allow this group of professionals to occupy B1 premises

# Education



- Role of the Institute in Relation to Architectural Education
- Architectural Practice Course
- Continuing Professional Development
- Basic Architectural Detailing and Specifications Course
- Design for Safety Coordinator
- Capstone Project with Singapore University of Technology & Design



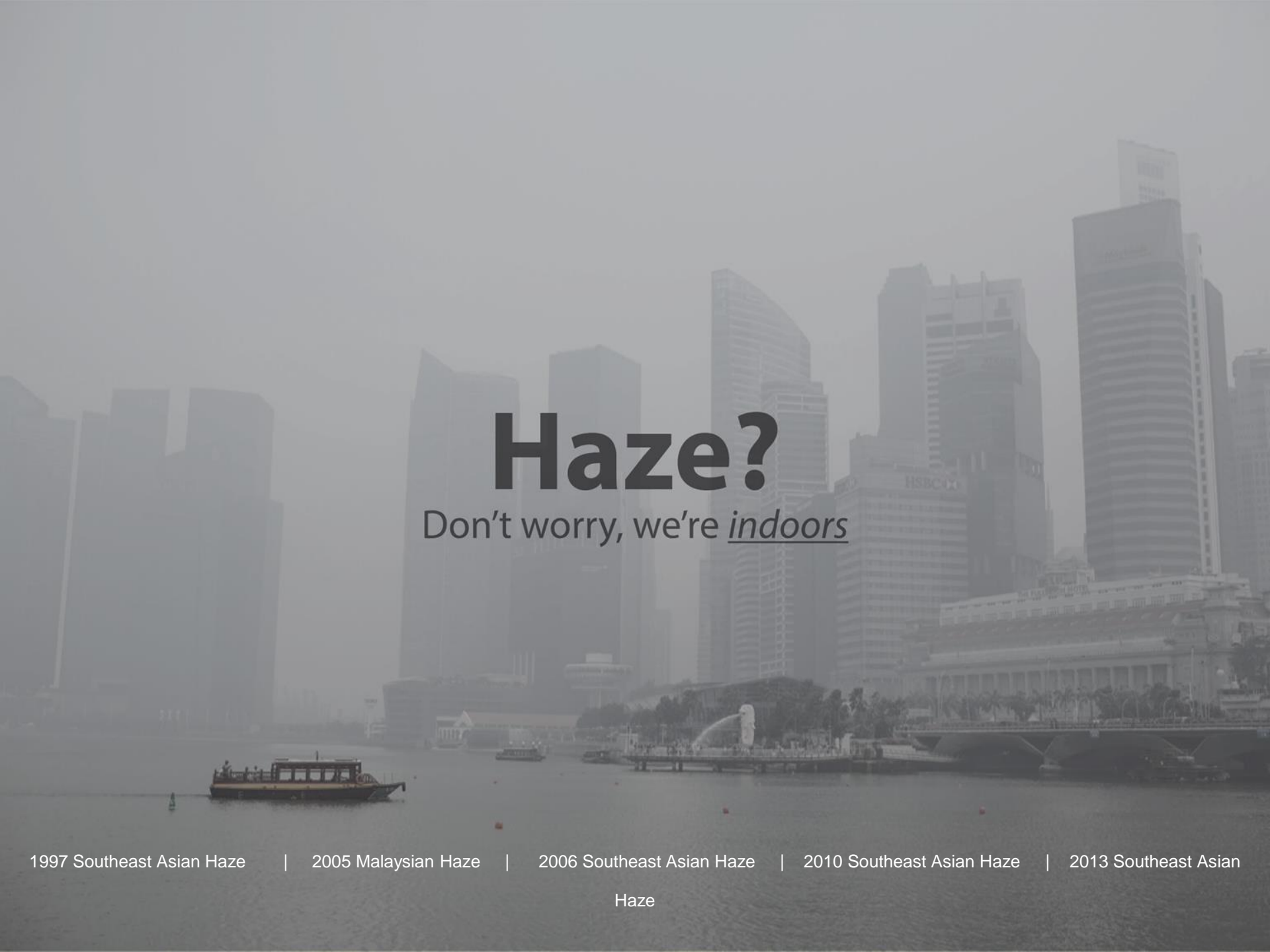


**SIA Supported Research Project (CAPSTONE)**  
Theme: Hospital Facade for an Equatorial Country



SINGAPORE UNIVERSITY OF  
TECHNOLOGY AND DESIGN

Established in collaboration with MIT



# Haze?

Don't worry, we're indoors

1997 Southeast Asian Haze

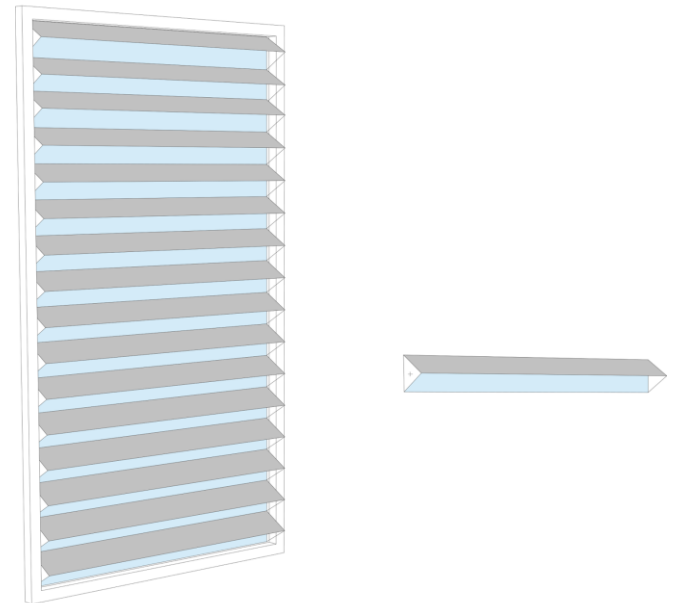
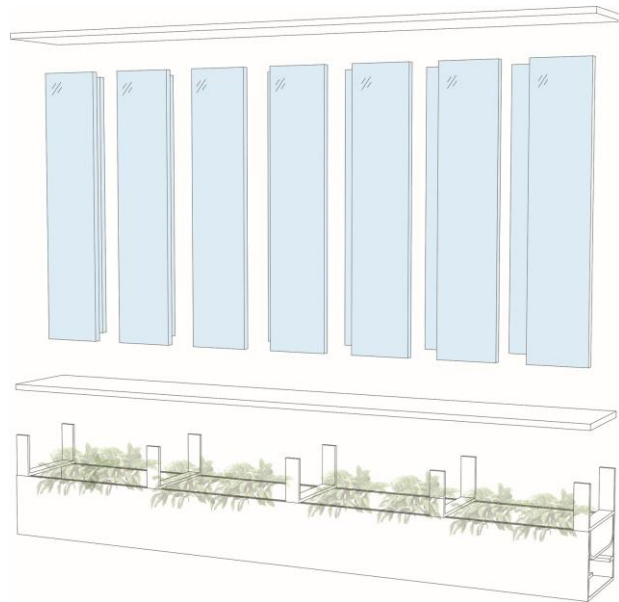
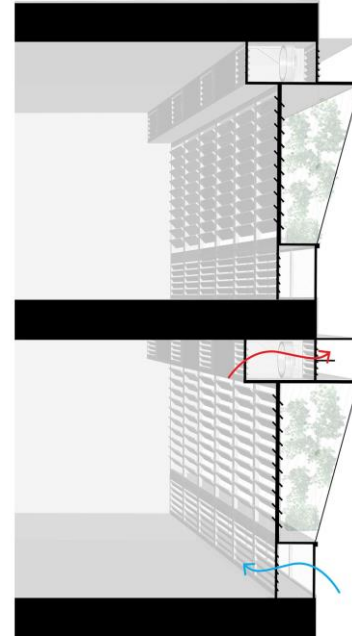
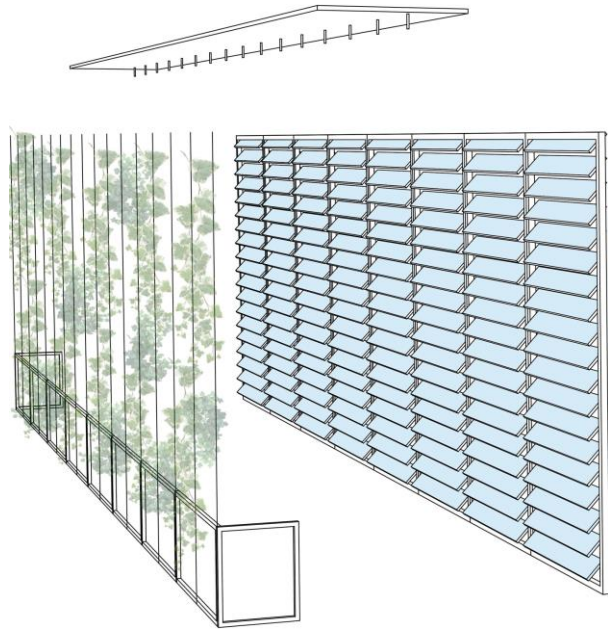
| 2005 Malaysian Haze

| 2006 Southeast Asian Haze

| 2010 Southeast Asian Haze

| 2013 Southeast Asian

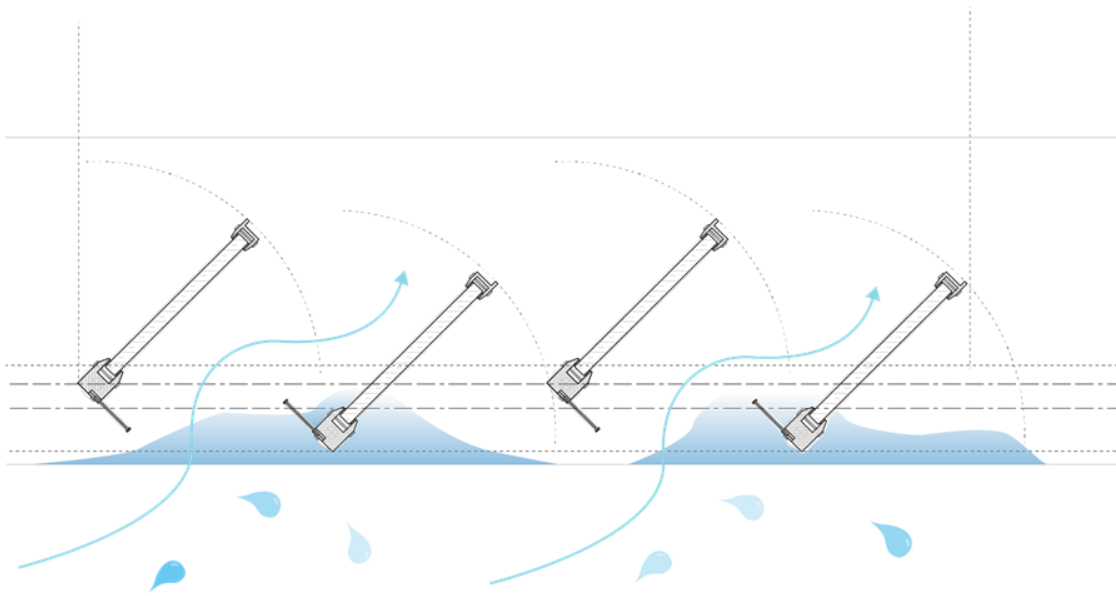
Haze



Outside



Inside

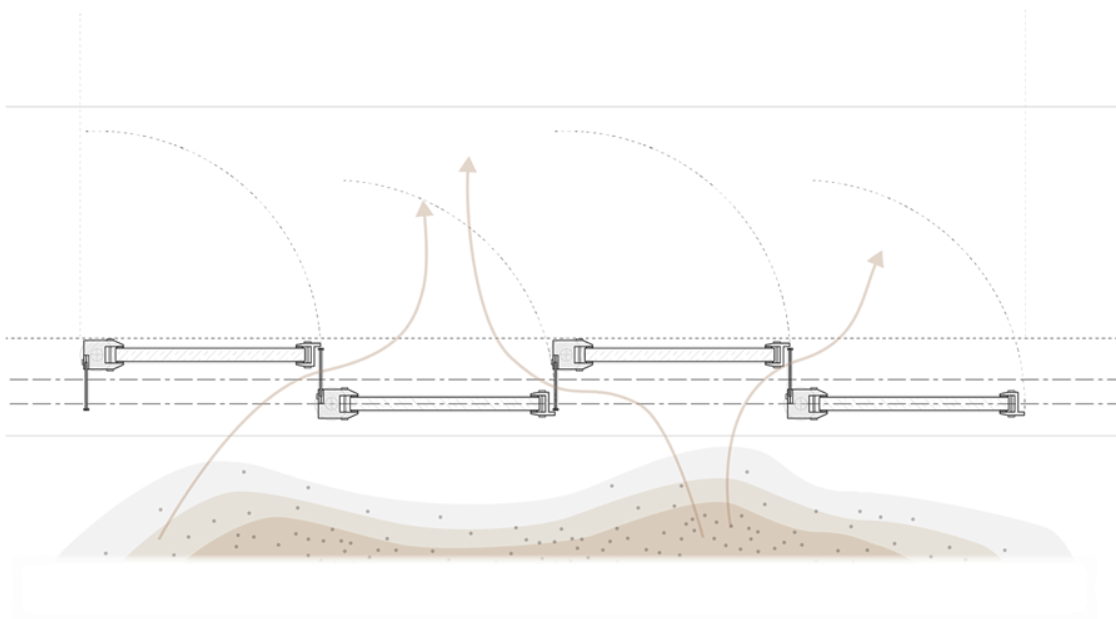


Rain protection

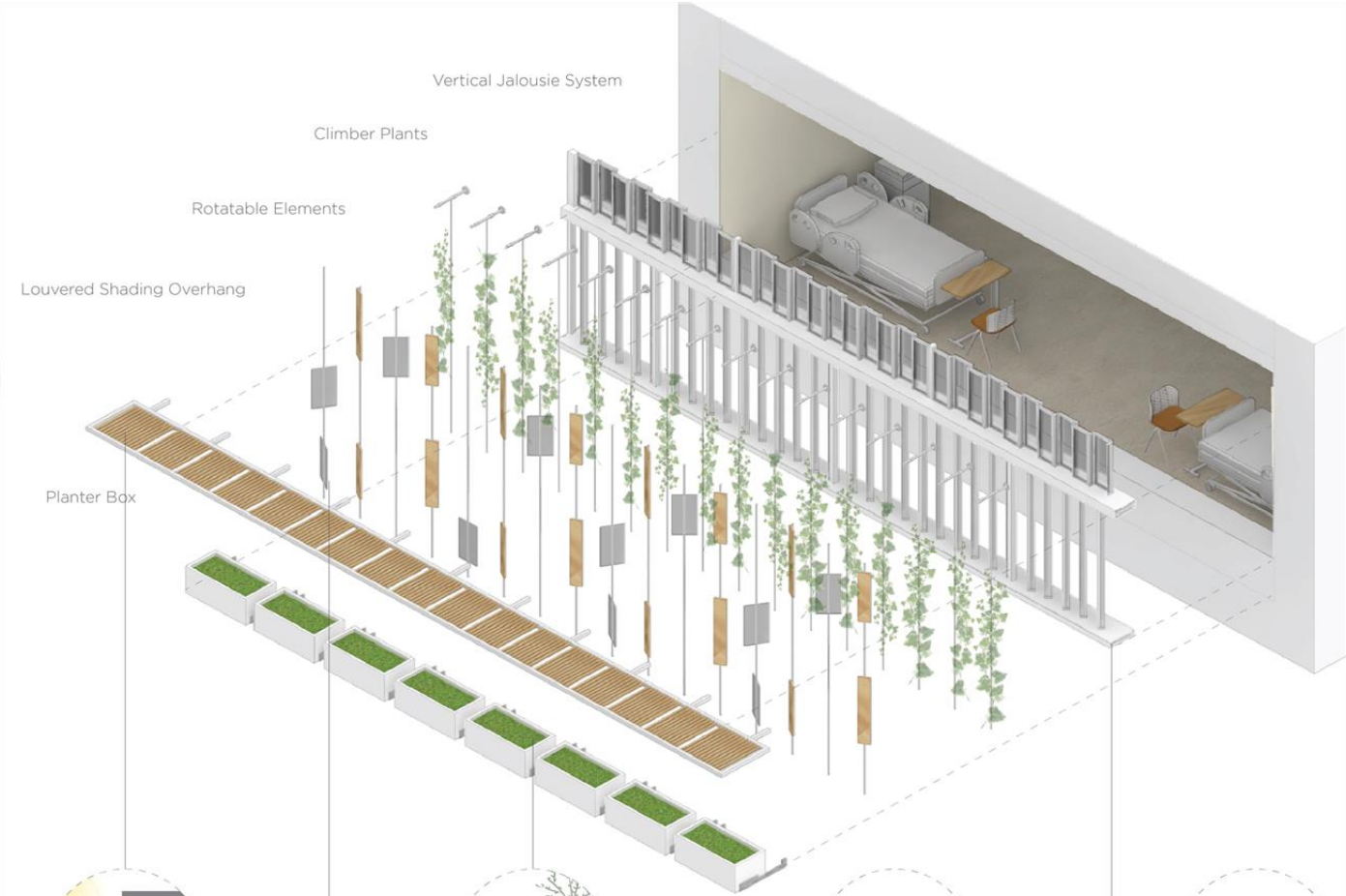
Outside



Inside



Haze protection



Shading for Interior:  
Avoids Glare from sun,  
providing visual comfort



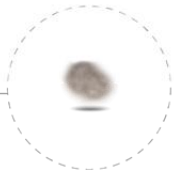
Connection to Nature:  
Visual Comfort and distraction  
for faster recovery



Nature-induced Movements:  
Break monotony and inspire  
interest



Anti-Rain-Penetration:  
Keeps interior dry and pre-  
vents slipping



Addresses Haze:  
Improves air quality and  
prevents deterioration of  
health



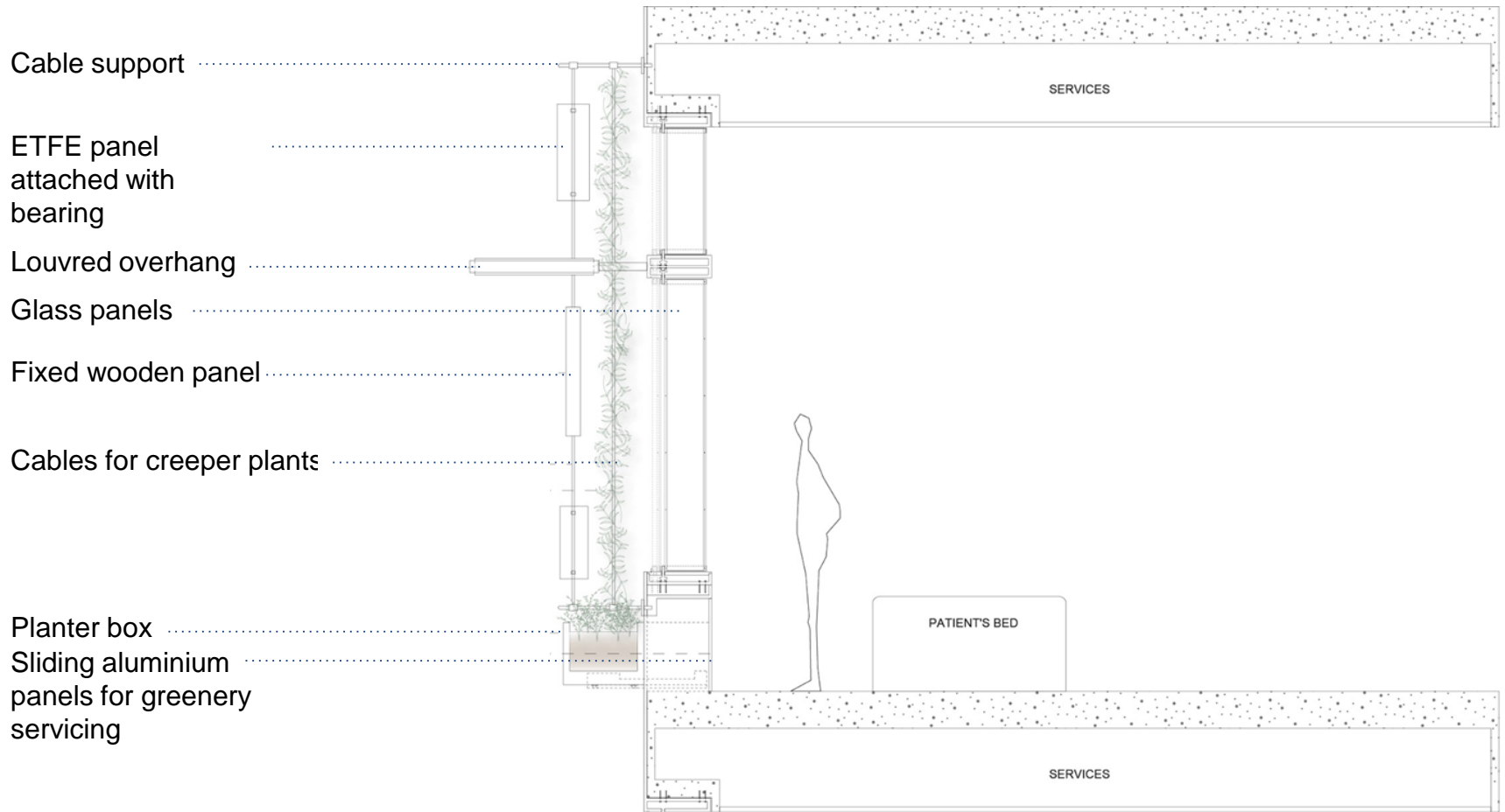
Cooler Interior:  
Overall comfort provides for  
better rest



Ventilating:  
Facilitates exchange of fresh  
air and provides for lower  
humidity







Schematic Section Drawing

## Acknowledgement

**Cheong Yew Kee & Theodore Chan**, SIA mentors  
**Dr Chong Keng Hua & Timothy Li**, Capstone mentors  
**Jerry Ong**, CPG Corporation Pte Ltd

**Dr Liak Teng Lit, & Donald Wai** KTPH

**Dr J. Alstan Jakubiec**

**Dr Jean Yong WH**

**Prof Sawako Kajima**

**Dr Naree Phinyawatana** and **Prof Henry Woon**,

Faculty members of SUTD Architecture and Sustainable Design

**Mathieu Meur**, Meinhardt Technologies

Khoo Teck Puat Hospital

Changi General Hospital

Singapore General Hospital

Student Team gets an opportunity to present their findings to the public during our Architectural Festival



# A More Structured CPD Programme

No	Date	Seminar	Actual Total Pax	CPD	Open to
1	Monday, 26 January, 2015	SIA: Pioneering Architectural Education in Singapore	85	6	All
2	Friday, 6 February, 2015	SIA: Conflict in the Construction Industry – A perennial problem – Why?	93	6	All
3	Tuesday, 3 March, 2015	SIA: Contributing to the New Architecture of Singapore: the 60s to the 70s	105	6	All
4	Friday, 6 March, 2015	SIA Practice Convention 2015 - Future Fundamentals	89	8	All
5	27-28 Mar 15	SIA-XCS BIM Implementation Workshop (BIW)	14	4	All
6	Thursday, 16 April, 2015	SIA SMAP Series #1 (rerun): SIA Articles and Conditions of Contract for Minor Works 2012 (MWC 2012)	24	4	All
7	Thursday, 7 May, 2015	SIA-INSULDEK-BioClimatic Professional Knowledge Series: PROSPERTY BUILDINGS – The Wealthy Way of Building!	59	2	All
8	Thursday, 14 May, 2015	SIA-Emix Professional Knowledge Series: Achieving More With Less	44	2	All
9	Friday, 15 May, 2015	SIA Fire Safety Seminar 2015: Unprotected Openings, Means of Escape, Fire Forensic Cases	345	6	All
10	Saturday, 16 May, 2015	SIA Weekend Seminar: Construction Law – Loss & Expense Claims	103	6	All
11	Friday, 29 May, 2015	SG50 SIA Pioneer Architects Series of Lectures And Conversations: A Conversation With William S.W. Lim	110	6	All

No	Date	Seminar	CPD	Open to
13	Saturday, 5 March, 2016	SIA Practice Sharing Series (PSS 3)		All
14	Wednesday, 23 March, 2016	SIA Winning Design Philosophies and Concept 2015		All
15	Thursday, 31 March, 2016	SIA Inspirational Talk by Mr Liak Teng Lit	NO CPD	SIA only
16	Thursday, 7 April, 2016	SIA Design Talk by Mr Donovan Soon/Mr Francis Goh & Mr Colin Seah		All
17	Friday, 15 April, 2016	SIA Practice Convention 2016		All
18	Thursday, 21 April, 2016	SIA Minor Works Contract Series #5 (re-run)		All
19	Friday, 13 May, 2016	SIA Boot Camp Series (BCS 1)		All
20	Friday, 13 May, 2016	SIA Boot Camp Series (BCS 2)		All
21	Saturday, 14 May, 2016	SIA Boot Camp Series (BCS 3)		All
22	Friday, 20 May, 2016	SIA Inspirational Talk by Minister Lim Swee Say	NO CPD	SIA only
	June - Oct 2016	SIA Architectural Practice Course 2016 (28 sessions)		
23	Thursday, 23 June, 2016	SIA Business Talk by Mr Ken Koh	NO CPD	SIA only
24	Thursday, 15 September, 2016	SIA Inspirational Talk by Deputy Prime Minister Tharman Shanmugaratnam	NO CPD	SIA only

# Institution

## Corporate Social Responsibility

- Pro-Bono Design Competition Organization
- Partnering with National Voluntary and Philanthropy Council
- St John's Home for The Elderly
- Red Cross Home



PRESIDENT'S  
VOLUNTEERISM &  
PHILANTHROPY  
*awards*



Newly Renovated  
SIA Premises  
Opened on October  
25, 2015  
Welcome To Visit !!



Exhibition Space



Expanded theatrette



## Incubator Programme

- Specially for SIA members
- Incubate up to 16 new businesses
- Corporate services
- Meeting & lounge facilities



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