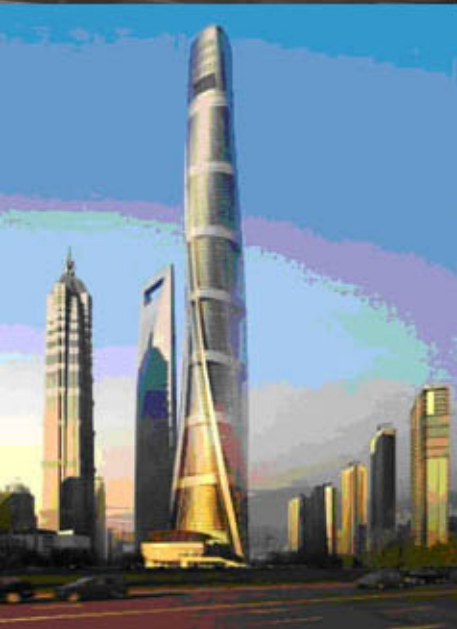




DO SUSTAINABLE RATING TOOLS DELIVER THE BEST IN SUSTAINABLE OUTCOMES

A MEANS TO AND END OR SOMETHING
TO FEEL GOOD ABOUT

11 FEBRUARY 2011, 2.00PM @ SIA THEATRETTE



CPD
ACCREDITATION:

5 POINTS

PDU
ACCREDITATION:

PENDING

ORGANISED BY:



SPONSORED BY:

JANGHO

LECTURE SYNOPSIS:

While the ideals and terminology of a Sustainable future are used daily in the popular press to describe climate change and its affects, the impact and effort required to enact change is not typically heeded by the general population. As professionals working in one of the biggest areas impacting climate change – the BUILT ENVIRONMENT, we have an obligation that we may not yet grasped the gravity of. As leaders and environmental champions we have an opportunity to influence the future of our world and our collective future.

In this lecture we will provide an Engineer's perspective and experience in the trends and issues arising from the use of "Sustainable Rating Tools" and what constitutes real Sustainable Design.

We start by looking at the pressure on the Built Environment to produce "

The lecture will review the question of whether buildings and their rating tools alone can deliver a Sustainable Outcome or whether the trend toward Community, Precinct or Neighbourhood tools are going to be the panacea for meeting our delivery of a Sustainable Built Environment.

We will address Sustainability and the key drivers and issues that the world is now facing, touching on the SIA Sustainable Committee's "12 Attributes of a Sustainable Built Environment" along the way.

The lecture looks at population and what this means to the world and how an Sustainable outcome is to be achieved, What market sectors are the main offenders in Greenhouse production and what the built environment is actually doing to address it impact. We look at economic drivers and How to define the best return for investment in a Sustainable timeframe.

The role of that the built environment (and it professionals) has in delivering the world a Sustainable Future

We look briefly at what tools are available today and discuss some history on the variety and diversity of the tools and will look at the growth in the number and difference of these tools into what has become a mine field for clients, architects, engineers and contractors. Not all tools are equal and how do you achieve a level playing field.

We will explore how these tools are used and discuss concerns over short comings with using tools. We look at the real question of – "do they actually deliver more Sustainable buildings?" and the limited impact that a single building can have on the larger picture of Sustainability.

We will look at the rise in New tools and how the market is changing towards a more holistic approach to Communities, Neighbourhoods and Precincts. We will look at the resulting changes to professionals and educators.

Finally the lecture will discuss some projects over the years and present some ideas about making Sustainable Tools more efficient and what new ideals are being adopted outside of the tools to make buildings more Sustainable.



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SPEAKER'S PROFILE:

Beres is a Director of Surface Design, a Specialist Consultancy modeled on the "Bau Physik" Studios of Europe where achieving Sustainable Design is achieved through the study of materials, energy transfers and influence the climate has on the building fabric and form. In the same way Surface Design is dedicated to Sustainable Design and brings a unique understanding of influence of how the Building fabric (Facades) has on Sustainability and how buildings are used efficiently and comfortably.

Beres Graduated with First class Honors in Civil Engineering and this background has proven essential in recent years where Sustainable Design has started to shift from the focus on individual buildings to understanding the community and the Built Environment as a whole.

He commenced his professional career as a Structural Engineer at Ove Arup and Partners winning the Ove Arup scholarship. He spent twelve years in Arup, living and working in Australia, the United Kingdom and Malaysia. He started Hyder's façade business with the team in Sydney and establishing the business in London before moving to Connell Wagner (now Aurecon) where he successfully established a fully integrated building science business where facades, sustainable design, acoustics, fire engineering, refurbishment and material science specialists work together.

In 2010 Beres started Surface Design so as to concentrate on developing more Sustainable Practice

He has 22 years experience in engineering of the built environment. His interest in Sustainable design started when working on the design of the British Pavilion project at the world Expo in Seville in the early 1990's where the prefabricated and modular building used the principles of bio-climatic design and the fabric to cool the building and generate electricity.

He has continued to use bioclimatic design principles to achieve Sustainable outcomes with projects such as Regatta Point (Winner of the Australian Green House Office Most Innovative Design in 1998); Aurora Place, Sydney; Kuwait Central Bank Competition and Design with HOK London; Manchester Civil Justice Centre with DCM (BREEAM Excellent); China Steel Headquarters, Taiwan, TAMAR Hong Kong Government Centre (Gammon JV) and more recently Shanghai Centre competition and design with Gensler.

He has been invited internationally as guest lecturer on these and other topics.



PROGRAMME

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|--------|--|
| 2.00PM | REGISTRATION & LIGHT REFRESHMENT |
| 2.30PM | WELCOME REMARKS BY SIA |
| 2.35PM | PRESENTATION BY MR BERES DOWDLE |
| 4.00PM | QUESTIONS & ANSWERS |
| 4.30PM | END |



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11 February 2011, 2.00pm at SIA Theatrette

(All seminar fees are inclusive of GST)

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|------------|-----|-------|
| SIA Member | S\$ | 50.00 |
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| BOA/CIJC Member | S\$ | 75.00 |
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| Non Member | S\$ | 100.00 |
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|----------------------|-----|-------|--|
| * SIA Student Member | S\$ | 15.00 | (For Registration, kindly attach applicant's student pass) |
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| * Other Student | S\$ | 30.00 (For Registration, kindly attach applicant's student pass) |
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*Please present student pass upon entry.

Closing Date for Registration 8 February 2011

CPD Accreditation: **5 points**

PDU Accreditation: (Pending)

PARTICULARS

Name: _____ NRIC NO: _____

(please underline Surname)

MEMBERSHIP NO: [] SIA _____ [] BOA REG. _____ [] NON MEMBER [] STUDENT

ORGANISATION: _____

ADDRESS: _____

Tel : _____ Fax : _____

Email : _____ Contact Person: _____

MULTIPLE REGISTRATION

| S/N | NAME (PLS UNDERLINE SURNAME) | NRIC NO. | *SIA/*BOA NO | AMT\$ |
|-----|------------------------------|----------|--------------|-------|
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PAYMENT OPTIONS

Please tick your payment mode:

☐ By Cheque

Bank/Chq #: _____

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

Please mail Cheque to:

Singapore Institute of Architects (79B Neil Road Singapore 088904)

[] By Cash

Please drop by SIA office from Monday to Friday, 9.30 am – 5.30pm

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

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

Fees paid are non-refundable under all circumstances. Replacement of participant will be allowed only if written notification is made at least 2 days before the event.

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

For Enquiry (Ms. Isabella Yeo):

Tel: (65) 6226 2668 / Fax: (65) 6226 2663 / Email: cpd@sia.org.sg

LOCATION MAP

