

CTBUH Update – March 2007

Dear Colleagues:

There are many new initiatives being announced in this issue, and it's the most important I have written for a long time. Please read it.

Following a successful visit to Dubai with Antony Wood, the CTBUH Executive Director, I am very pleased to announce that the CTBUH 8th World Congress will be held in Dubai in March 3-5th, 2008. The decision on this location has much to do with the vibrancy of the city, the phenomenal volume of construction taking place, the determination of the Organizing Committee and the opportunity that the Congress offers our members to discuss, debate and share knowledge about some of the most important issues that affect the building industry today. As such, the theme of our Congress will be woven around three topics: sustainable high rise buildings, mega projects and articulated towers, and these will be discussed under the Congress title, "Tall and Green: Typology for a Sustainable Urban Future". The Congress is the Council's most important event and occurs approximately every five years.

Particular thanks goes to those who attended our preliminary conference organizing committee meeting at Woods Bagot's Office in Dubai (whose names are listed below), and special thanks to Alistair Collins (UK) and Sabah Al Reyes (Kuwait) who traveled to Dubai to help with the organization. More details about the Congress are given below.

Our Annual Awards dinner this year will be at Crown Hall, Illinois Institute of Technology, Chicago on Thursday October 25th and we are delighted that we will be presenting two new awards; the Council will be recognizing the **Best Tall Building** and the **Best Sustainable Tall Building**. These awards will be in addition to the Lynn S. Beedle Medal and the Fazlur Rahman Khan Medal. Many thanks goes to Tim Johnson and his team from NBBJ, for putting together the criteria for the new awards and for agreeing to be Chairman of the Awards Committee, as we transition from two awards to four. See below for more details.

In accordance with our 5-year plan, one of the strategic objectives is to develop stronger relationships with parallel organizations in China. So as a start to that process, we are very pleased to announce our partnership with Marcus Evans in the organization of a Tall Building conference in Shanghai, China on July 9-10, 2007. The two day conference will look at the value of iconic tall buildings from an architectural, engineering, business and management perspectives. Again, more details are given below.

Elsewhere in this month's newsletter you will find out that, from next month, the CTBUH will be experimenting with a high-rise "Jobs Bulletin". You will also see that, continuing the trend of recent months, the CTBUH membership network is growing. This month the Schirmer Engineering Corporation have joined us at the Sustaining Contributor level, Omrania & Associates have returned at Donor level and Lerch Bates at Participant Level, and thanks also to RWDI and Davis Langdon who have all upgraded their membership.

Sincerely,

David Scott
Chairman, CTBUH
Principal, Arup
dscott@ctbuh.org

* * * CTBUH NEWS * * *

CTBUH 8th World Congress: "Tall & Green: Typology for a Sustainable Urban Future" (Dubai, March 3-5, 2008).

A full call for papers, together with the conference brochure, will be sent out with the next newsletter. Our plan is to issue a full printed proceeding with the conference.

We will be gathering the world's leading building professionals in one of the busiest construction cities in the world. We plan to offer an extensive series of construction visits immediately before and after the conference and a construction / technical visit of the future world's tallest building – Burj Dubai – as part

of the conference itself. CTBUH Country Leaders of the adjacent Gulf states will also be offering building / construction tours in their states – e.g. Doha, Kuwait and Oman – so that conference attendees can witness some of the most impressive projects being built in the Gulf.

Special thanks to those who attended the first meeting of our Organizing Committee at Woods Bagot's office in Dubai:

Al-Rayes, Sabah	PACE, CTBUH Steering Group, Country Leader Kuwait
Collins, Alastair	Davis Langdon, CTBUH Country Leader UK
Dauids, Andy	Hyder, CTBUH Country Leader Dubai
Johansen, Cris	Nakheel
Lee Morris	Atkins
Seeling, Alf	Woods Bagot
Scott, David	CTBUH Chairman
Vaughan, Richard	Davis Langdon
Waldron, Fiona	Woods Bagot
Wienand, Bruce	Schirmer Engineering
Wood, Antony	CTBUH Executive Director

Shanghai Conference: “Tall Buildings - planning, designing, marketing and managing of sustainable skylines for current and future generations” (July 9-10, 2007). Plan to attend this very informative conference, organized by Marcus Evans in partnership with CTBUH. The conference will be held at the Grand Hyatt in Shanghai, China.

Shanghai is a rapidly growing city that contains an enormous number of recently completed tall buildings and buildings under construction. We encourage our members to attend and CTBUH members are entitled to a 10% discount on delegate fees.

Full details of the Shanghai Conference can be downloaded from our web site at www.ctbuh.org or at <http://www.marcusevans.com/events/CFEventinfo.asp?EventID=12239>

CTBUH Awards Dinner – Call for Nominations. The 6th Annual Awards Dinner will be held at the Illinois Institute of Technology in Chicago on Thursday evening, October 25, 2007. The Council is seeking nominations for the 2007 Lynn S. Beedle Achievement Award and the Fazlur Rahman Khan Medal, as well as two new awards being created this year – the Best Tall Building Award and the Best Sustainable Tall Building Award. The list of past award recipients and criteria for all four awards can be found in the Awards Criteria statement, attached.

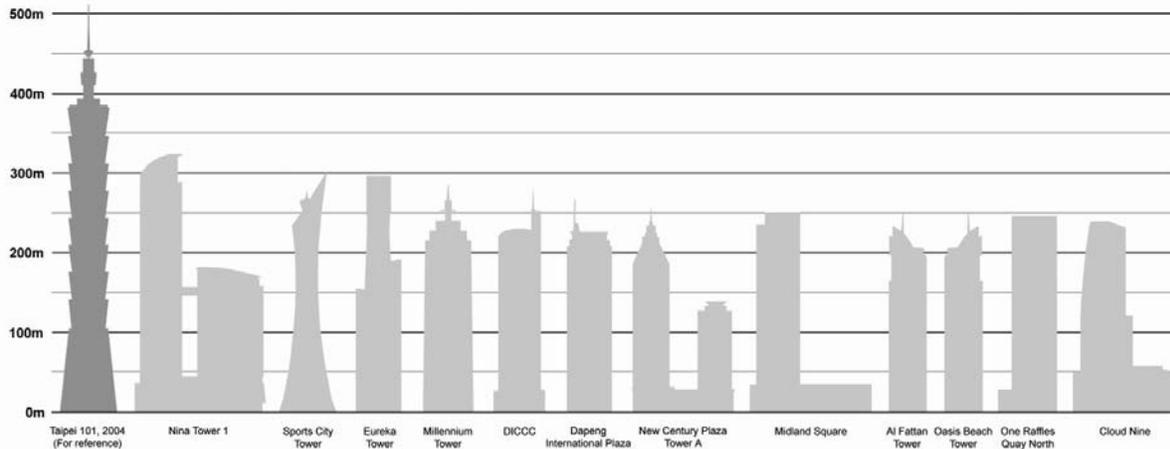
The Awards Committee is again being chaired this year by Timothy Johnson of NBBJ. Recommendations, as outlined in the attachment, should be sent to Tim at tjohnson@nbbj.com by no later than June 1, 2007.

Tallest 12 Buildings Completed in 2006 ! Many thanks to James Newman at Skyscrapernews.com for pointing out to us inaccuracies in the tallest 2006 list, issued last month, with regards to two projects in China which should have been included. This does highlight problems that many organizations such as ours have with unearthing information on projects in China, due to both the frenzied pace of construction and the inaccessibility of the language from a western perspective! Plans are underway to change this through several initiatives in collaboration with Chinese partners in the coming year or so. The first of these is the Shanghai Conference in July 2007 (see above).

In the interest of acknowledging all of the buildings previously announced, the list has now expanded to become the Tallest 12 Buildings 2006! For more information on these, see our website www.ctbuh.org



Tallest 12 Buildings Completed in 2006



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International Height Meeting, Thursday 24th May, IIT, Chicago. There are just 7 places left for organizational members who wish to nominate a representative to attend this important forum to discuss and define the criteria on which tall building height is measured. The following 23 members have already confirmed attendance. Those organizational members who wish to be involved are urged to contact us soon, via Antony Wood at awood@ctbuh.org. A new height committee will be formed out of selected attendees from the meeting, to rule on possible future contentious cases.

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| Baldassarra, Carl | Schirmer Engineering |
| Burns, Joseph | Thornton Tomasetti |
| Clawson, Kim | Chicago Committee on High Rise Buildings |
| Collins, Alastair | Davis Langdon LLP |
| Elnimeiri, Mahjoub | Illinois Institute of Technology |
| Gerometa, Marshall | CTBUH, Database |
| Heller, Jeffrey | Heller Manus |
| Johansen, Cris | Nakeel |
| Johnson, Tim | NBBJ |
| Kery, Geri | CTBUH, Manager of Operations |
| Kieckhefer, Daniel | Emporis |
| Killebrew, Charles | Pickard Chilton |
| Klemencic, Ron | Magnusson Klemencic Engineers |
| Maibusch, William | CTBUH Country Leader, Qatar |
| McCool, Tom | Turner Construction |
| Reich, Jerry | Horvath Reich CDC / Chicago Committee on High Rise Buildings |
| Reid, Charles | Gale Corporation |
| Scott, David | CTBUH, Chairman |
| von Klemperer, Jamie | KPF |
| Weismantle, Peter | SOM |
| Wood, Antony | CTBUH, Executive Director |
| Yi, Prof. Waon-Ho | Architecture Institute of Korea |
| Zils, John | CTBUH, Previous Height Committee |

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New Members. The Council is pleased to welcome Schirmer Engineering Corporation as a new member of the Council at the Sustaining Contributor level. Established in 1939 as the first industry fire engineering firm, Schirmer remains on the leading edge of fire protection technology through their involvement with a variety of the industry related organizations. <http://www.schirmereng.com>

The Council also welcomes back two former Organizational Members. Omrania & Associates, returning at the Donor level, was founded in 1973 and is considered one of Saudi Arabia's major building design

firms, providing environmentally sustainable design solutions and cost-effectiveness through a high level of modern technology. <http://www.omrania.com>

Also, rejoining at the Participant level, is Lerch Bates Inc. Established in 1947, Lerch Bates is celebrating 60-years as a global leader in the area of horizontal and vertical transportation consulting services. <http://www.lerchbates.com>

In addition, the Council would like to thank two current Organizational Members who have increased their level of support. Davis Langdon LLP, joining the growing ranks at the top Sustaining Contributor level, has offices around the world and a staff of over 3400. Davis Langdon is an innovative consultancy that collaborates with clients to make challenging projects a reality. <http://www.davislangdon.com>

Increasing their membership to the Donor level is Rowan Williams Davies & Irwin Inc. Established in 1972, RWDI is recognized internationally as one of the leading wind engineering consulting services firms, offering a complete range of wind engineering, environmental air quality and noise management services. <http://www.rwdi.com>

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News from our UK Country Leader. Alastair Collins of Davis Langdon, reports the beginning of some good tall building initiatives on behalf of the Council in the United Kingdom. February saw the first meeting of an informal focus group convened to broaden the discussion on tall buildings across the property and construction sectors. Present at this meeting were Selina Mason of CABE (the Commission for Architecture & the Built Environment), Mark McAlister of CB Richard Ellis, Brandon Haw of Foster & Partners, Dave Glover of Arup and Alastair Collins of Davis Langdon. Alastair also traveled to Dubai to be present at the inaugural meeting of the CTBUH 8th World Congress organizing committee, and is planning to present at the CTBUH / Marcus Evans Shanghai Conference on "Tall Buildings – planning, designing, marketing and managing of sustainable skylines for current and future generations" this July (see above).

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SEAOI Announces Call for Entries. The Structural Engineering Association of Illinois has announced a Call for Entries for the 2007 Excellence in Structural Engineering Awards. The awards recognize creative achievement and innovation in structural engineering design, or in the publication of a significant work contributing to the advancement of structural engineering. To be eligible, projects must have been completed since January 1, 2004 or which are 'sufficiently complete to clearly show the basic design of the structural system'. Deadline for entries is noon on April 9, 2007. For more information visit the association's website at <http://www.seaoi.org>.

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Informal Survey of Occupant Perception in Tall Buildings. Survey participation has been requested for an industry-academic research project. As serviceability/habitability limit states often govern the wind-induced design of tall buildings, criteria such as these can have a significant impact on design. One means to evaluate the appropriateness of such criteria is to collect data on full-scale habitability performance. As such, a web-based survey on human perception of motion in tall buildings has been launched. "As someone affiliated with the industry, we are interested in learning more about your experiences in tall buildings during strong wind events in order to make inferences about the level of wind-induced motion that is acceptable to occupants of tall buildings." This project is being overseen by researchers at the University of Notre Dame (www.nd.edu/~nathaz , www.nd.edu/~dynamo), Skidmore Owings and Merrill LLP (www.som.com), and the Boundary Layer Wind Tunnel Laboratory at the University of Western Ontario (www.blwtl.uwo.ca). We encourage you will take a moment to participate in the brief survey housed at the following link:
<http://www.zoomerang.com/survey.zgi?p=WEB225EWVS8LCS>

Please feel free to circulate this survey to others you know with similar experiences. If you have any questions, please email Dr. Tracy Kijewski-Correa (tkijewsk@nd.edu) of the University of Notre Dame.

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New 'Jobs Bulletin' service to CTBUH Members. We are frequently asked if we can help our members find experienced key staff who are experienced in tall buildings; ranging from architects and academics to

engineers and project managers. For the next 6 months, beginning April, we are going to conduct a trial, where we publish a 'Jobs Bulletin' both in the newsletter and on our web site.

This service is for CTBUH members only, who are looking for staff. It should be noted that this is intended to advertise for key 'tall building' personnel, not for architectural / engineering / professional staff for offices generally. If your company would like to take advantage of this service, and the CTBUH network of tall building professionals, please send us a brief description of the role, location and who applicants should contact. Send to gkery@ctbuh.org

*** * * PLAN TO ATTEND * * ***

- March 21-22, 2007. Conference on "Structures 2007 – Designing and Engineering Structures of the Future", being held at the Earls Court Conference Centre in London. Topics include Tall Buildings, 2012 Developments, Bridges, Structural Materials and Sustainability. For additional information, visit <http://www.nceplus.co.uk>.

- April 5, 2007. The Skyscraper Museum 2007 Lecture Series on "Mixed Greens: Sustainable Skyscrapers Go Global" continues with Ken Yeang, principal at Llewelyn Davies Yeang, presenting "Designing the Green Skyscraper". May 8: Roger Frechette, Director of MEP Engineering at Skidmore Owings & Merrill will present "Zero-Energy Tower, Guangzhou". All lectures are held at the NYAS headquarters on the 40th floor of 7 World Trade Center, New York City. Tickets are free for members of The Skyscraper Museum or NYAS, \$10 for adults, and \$5 for students and seniors. For additional information, or to register, visit <http://www.nyas.org/mixedgreens> or call 212-945-6324.

- April 20, 2007. The Spring 2007 Fazlur Khan Lecture Series ends with a lecture by W. Gene Corley, Senior Vice President of the CTL Group, on "Learning from the Attacks on an American Icon – World Trade Center Building Performance Study". All lectures are held in Lehigh University's Sinclair Lab Auditorium, Bethlehem, PA, beginning at 4:10 pm. For additional information go to <http://www.lehigh.edu/frkseries>, or contact Leslie Ladick lj2@lehigh.edu (610-758-6123).

- May 24, 2007. CTBUH Tall Building Height Criteria International Meeting, **for representatives of pre-confirmed CTBUH Organizational Members only**. To be held at the Illinois Institute of Technology, Chicago (see above)

- July 9-10, 2007. Conference on "Tall Buildings - planning, designing, marketing and managing of sustainable skylines for current and future generations " at the Grand Hyatt in Shanghai, China. Organized by Marcus Evans in partnership with CTBUH.

- October 25, 2007. CTBUH 6th Annual Awards dinner. Center Core, S.R. Crown Hall, Illinois Institute of Technology, Chicago.

- October 25, 2007. First meeting of the re-organized CTBUH Steering Group, Illinois Institute of Technology, Chicago (to be held prior to the Awards dinner – Steering Group members will be notified with details).

- March 3-5, 2008. CTBUH 8th World Congress, Dubai: "Tall & Green: Typology for a Sustainable Urban Future".

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