

# CHINA GREEN BUILDING FORUM 2010

— Greentech Innovation & Energy Efficiency

October 21-22, 2010

Shanghai Grand Metropark JIAYOU Hotel

Participate in an interactive discussion forum to create, uncover and promote greentech solutions for an environmentally sustainable building **in China**

## WHY ATTEND?

- Listening **30+** industry eminent speakers
- Networking with **200+** global industry gurus and senior executives
- Taking away comprehensive and cutting-edge industry know-how
- Benchmarking against five star rating green building project
- Tapping into China billion dollar green building market
- Meeting with China first class green building owners and developers
- Exploring opportunities for collaboration
- Benefiting from the extended networking time through networking drinks party

Hosted by:



Media Partners:



**Eurobuild** CENTRAL & EASTERN EUROPE



**GreenSource** THE MAGAZINE OF SUSTAINABLE DESIGN



**builders merchants journal**



**SolarServer**  
Online Portal to Solar Energy

**RIGHT SITE.asia**

**greenroots.com**  
(the + greenroot + industry + resource + portal)

**AsiasGreen.com**  
your green resource guide

**Register Now!**

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## BACKGROUND

China's fast economic growth and urbanization progress has put unprecedented pressure on energy resources. The two biggest problems for China right now are new energy developments as well as energy savings and emissions reduction. The Development and Reform Commission have set the first goal of the 12th Five-Year Plan is to increase the usage of non-fossil fuels to 12%-13% of the total primary energy consumption. Improving energy efficiency of buildings has been considered as a crucial factor for China to realise its national energy strategy. The government has set ambitious energy targets to cut building energy use in all cities by 50% by 2010 and 65% by 2020; and plans to achieve the goal by strictly enforcing energy saving standards on new construction and by retrofitting existing public buildings.

China has the world's highest rate of construction activity, accounting for almost half of all construction globally. Also, with the government's commitment to environmental sustainability and green building in major urban areas, China's green building market is expected to be worth US\$200 billion by 2020, estimates the World Bank. However the development of China green building faces a range of challenges, including the innovation of building energy efficiency technology, insufficient green material supply, high cost, lack of expertise in integrated green building design, deficient legislations and standard system. To solve those striking issues and help spur the growth of China green buildings, the China Green Building Forum 2010 will gather 200+ top governmental officials, professionals and senior executive officers from world's leading organizations and companies to draw a blueprint for the development of China green building. The China Green Building Forum 2010 will provide you a precious platform to show your industry know-how, grasp latest marketing information and technologies, network with industry gurus and explore cooperation opportunities.

## MAJOR TOPICS

- China government's response and marketing prospect
- How to achieve building energy conservation through advanced envelopes
- The innovation of water-related green building solutions
- How to integrate new energy into buildings
- How green building developers and consultants have successfully built a desirable and efficient green space
- The latest design ideas, trends, and techniques which can make buildings more sustainable.
- How to optimize life-cycle performance for buildings to achieve maximum energy efficiency and sustainability without compromising on comfort and life-safety
- Challenges and opportunities for the development of China green building
- Examining the commercialization of greentech solutions in China
- The adaptation and application of emerging gree-tech given construction characteristics and site environment
- How to reduce the increase costs of green building

## WHO SHOULD ATTEND

- Top-level Chinese Government Officials
- Property Developers and Owners
- Green Building Material Providers
- Energy Efficient Equipment Providers
- Green Building Engineering Design
- Construction and Operation Company
- Energy Service Company
- Building Automation System
- Energy Efficiency Solution Provider
- Environmental and Green Building Consulting Company
- New Green Energy Technology Developer
- Green Building Project Financing Services
- Research Institute / Academia

## HOTEL FLOOR PLAN



"China's green building market is expected to be worth US\$200 billion by 2020"

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## AGENDA

### DAY ONE (October 21st, Thursday)

08:20 Registration

09:00 Chairman Opening Remark

#### SECTION ONE: FORESEEING CHINA GREEN BUILDINGS

09:10 China Government's Future Guidances and Means of Green Building Development

##### Yiming Chen

Director of Department of S&T and Energy Saving on Buildings  
Ministry of Housing and Urban-Rural Development of the People's Republic of China

09:40 Refining and developing China Green Building product labelling and standards

##### Youwei Wang

Chairman  
China Green Building Council

10:00 How to Overcome the Challenges Facing the Commercializing of China Greentech Solutions

*World Green Building Council*

10:30 Coffee Break & Networking

11:00 Best Investing and Financing Scenario Facilitating the Development of Green Building

##### Daniel Hoornweg

Chief consultant of city  
*The World Bank*

11:30 China's Green Building Market Analysis and International Collaboration Outlook

##### Wei Wang

Vice President  
*Shanghai Green Building Council*

12:40 *Panel Discussion:*  
Roadmap for the sustainable development of China Green Building

##### Tony Arnel

President  
*World Green Building Council*

##### Yiquan Pan

Vice President  
*CDHAW of China Tongji University*

##### Yiming Chen

Director of Department of S&T and Energy Saving on Buildings  
Ministry of Housing and Urban-Rural Development of the People's Republic of China

##### Roger Platt, J.D.

Senior Vice President, Global Policy & Law  
*U.S. Green Building Council*

13:10 Networking Luncheon

#### SECTION TWO: RENOVATING ARCHITECTURAL CONCEPT & CONSTRUCTION MATERIALS

14:00 World Advanced Low-carbon Building Concept

14:30 Optimising Overall Energy Performance through Integrated Green Building Design

15:00 A Developer's Green Evolution towards Environmental Sustainability

##### Ming Tian

Chairman  
*Nan Jing Landsee Properties, Co., Ltd.*

15:30 Coffee Break & Networking

16:00 Green Material Strategies in Architectural Design

16:30 *Case study:*  
The Application of Innovative Green Material in World Expo-German Pavillion

17:00 How to Control the Increase Costs of Green Building

17:30 *Panel Discussion:*  
The Application of New Green Materials in Green Building

High-Performance and sustainable insulation  
Advanced envelope  
New pv glass installation

18:10 **Concluding Remarks from Chair**



“By year 2015, half of the world's new building construction will take place in China”

-- *The World Bank*

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## AGENDA

### DAY TWO (October 22nd, Friday)

08:20 Registration

09:00 Chairman Opening Remark

#### SECTION THREE: COMPREHENSIVE APPLICATION OF GREEN TECHNOLOGY

09:10 The Route to Sustainable Development for China—Rethink on Adaptability of Building Energy Efficient Technologies

**Yinxin Zhu**

Professor of Dept. of Building Science, School of Architecture  
Tsinghua University, PRC

09:40 How to Reduce Lifecycle Costs with Innovative Building Technology

**John Mandyck**

Vice President  
Carrier's Sustainability & Environmental Strategies

10:00 Intelligent Lighting Systems and Green Building Sustainable Management

10:30 Coffee Break & Networking

11:00 Intelligent Network and Energy Saving Central Air Conditioning System

12:00 *Case Study:*  
Intelligent Green Building Technology of Shanghai Expo China Pavilion

**Bin Wu**

CEO  
Tellhow Sci-tech Co., Ltd.

12:40 Networking Luncheon

14:00 New Technologies and Techniques to Improve the Management of Wastewater, Recycled Water and Grey water

14:30 How to Built a Rain Water Collection System

15:00 Panel Discussion: Application and Developing Prospects of Building Energy Efficiency Technology in China

15:30 Coffee Break & Networking

#### SECTION FOUR: INTEGRATION OF RENEWABLE ENERGY AND CONSTRUCTION

16:00 *Case Study:*  
Futuristic Green Building --Photosynthetic Architecture

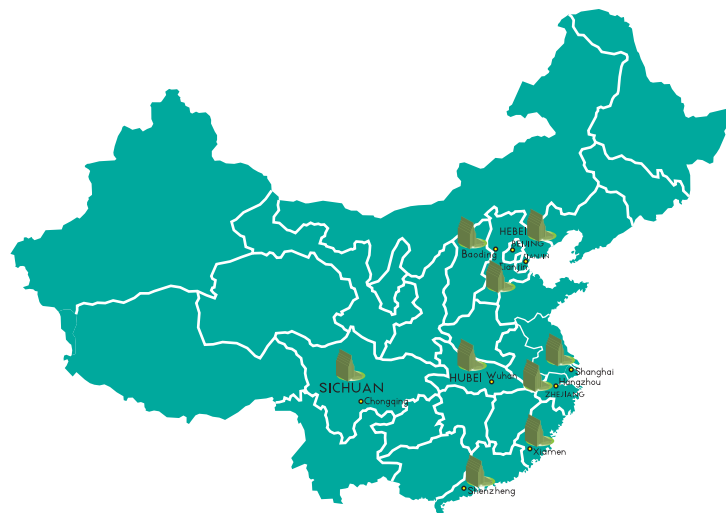
*Shen Zhen Vanke Group*

16:30 The Application Prospect of Integrated Heat and Power Generation--Solar photovoltaics in China

17:00 Integrated Solutions of Heat Pump Technology in Green Building

#### SECTION FIVE: BUSINESS NETWORKING

17:30 Projects Introduction



Design / Build  
Process

Provide an Overall Picture of China Green Building Markets

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