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# Green Building China 2013

China's premier green building conference

Nov. 21<sup>st</sup>-22<sup>nd</sup> | Shanghai China

## Tackling the opportunities of green building in China



Please scan and join our WeChat here.

决策者会议策划集团  
Produced by **CDMC EVENTS**

+86 21 6840 7631  
gbc@cdmc.org.cn

+86 21 6840 7633  
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## INVITATION LETTER

Dear Industry Colleagues and Friends,

In the 21st century, the concept of sustainable development has had a profound impact around the world. Worldwide topics such like environmental protection and low carbon emissions have become the focus of world attention. As the next Mega-trend, Green Design concepts and technologies are now changing the world.

As a big country in energy consumption, China's building energy consumption accounts for about 1/3 of total energy consumption, facing huge pressure on energy savings. Now China is in an important stage of industrialization, urbanization and new countryside construction. As is predicted, there will be 30 billion square meters of new building areas by the year of 2020, which also means that the building energy consumption will rise sharply. Therefore, as a big country in building energy consumption, the development of green building industry is particularly important.

The only way to construct a "beautiful and harmonious China" is through the solid development of green building industry. During the "Twelve Five" period, the industry of green building will move to a phase of rapid development. Aimed to build a bridge for communication and learning between policy makers, urban planning bureaus, real estate developers, building design institutes, construction materials and equipment suppliers and intelligent building systems solutions providers, Green Building China 2013 will be scheduled for November 21st to 22nd in Shanghai. As Asia's most influential event in the industry, the summit will play a positive role as an integrated service platform to showcase the latest technology in the world of green building and boost Chinese green building industry. In the meanwhile, the summit will issue the awards for innovative leaders of the industry.

Under the theme of "building a green Chinese Dream", the summit will help you better gauge the pulse of China's dynamic green building industry and further identify the strategic role of China in your global business plan. Join Green Building China 2013 for future projects opportunities and cooperation relationship establishment!

Yours sincerely,  
2013 China Green Building Organizing Committee

## QUICK FACTS AT GREEN BUILDING CHINA 2013

Add up to **239** participants, including speakers, delegates, sponsors and exhibitors.

Generated **18%** of attendance from the **Regulation Authority** and 23% from **Real Estate**

**Developer**

**79** companies represented.

**23** countries participated.

**14** sponsors and exhibitors.

Over **50%** senior level executives attended.

## ADVISORY BOARD



China Association  
of Building Energy  
Efficiency



Chinese  
Society for  
Urban Studies



U.S. Green  
Building  
Council

**MOST PROPOSED GREEN BUILDING PROJECTS AND WE HAVE INVITED THE MOST EMINENT SPEAKERS OF THE PROJECTS UNDER CONSTRUCTION!**

*Commercial urban complex – Land Development project in Southern District of Luwan District No. 65*



Design Philosophy: "Urban Oasis"

Project Designers: Shanghai Institute of Architectural Design & Research Co.Ltd (SIADR) and Safdie Architects

Investors of the project: CapitaMalls Asia (One of the largest listed shopping mall developers, owners and managers in Asia by total property value of assets and geographic reach)

Project Contractor: Shanghai ZhongYi Construction & Engineering Co., LTD

Location Area: Located in the downtown of Luwan District, close to Xujiahui road (Metro Line 9) and Madang Road (Metro Line 13). Total construction area of 190,000 m2 (where about 105 000 m2 of the floor area, approximately 85,000 m2 of underground area)

Special Features: Easy access by customer for the downtown Location, closing to dual subway tunnels, High Rise buildings, "Oasis Garden ", "wind kinetic art wall" and etc.

**Shanghai Center Tower**



Design Philosophy: Vertical Neighborhood, combined the traditional lane houses in Beijing Hutongs and Shanghai Shikumen

Project Designer: M.Arthur Gensler

Construction Project Cost: 14.8 bn RMB

Design Management Consultancy: Shanghai Modern Architectural Design Co., Ltd

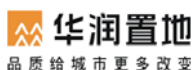
Green Building Consultancy: Shanghai Research Institute of Building Sciences (Group) Co. Ltd

Project Contractor: Shanghai Construction (Group) Corporation

Project Investor: Lujiazui Group

Special Features: Integrating Green Design and Technology, 632-meter, 121 story mixed-use tower, Shanghai No. 1 High-Rise Building with asymmetry of the tower's facade, tapering shape and consistently rounded corners, achieving a new understanding of supertall building.

**PART OF OUR CLIENTS & CLUB MEMBERS**



## EVENT STRUCTURE

### Day One

#### 21 Nov AM

- |   |              |                             |
|---|--------------|-----------------------------|
| <ul style="list-style-type: none"> <li>• Importance of green building development planning</li> <li>• Quality and efficiency: the new generation of green building</li> </ul> | Coffee Break | Coherent One to One Meeting |
|---|--------------|-----------------------------|

#### 21 Nov PM

- |   |              |                             |
|---|--------------|-----------------------------|
| <ul style="list-style-type: none"> <li>• Challenges and opportunities of green buildings</li> </ul> | Coffee Break | Coherent One to One Meeting |
|---|--------------|-----------------------------|

### Awards Ceremony & Gala Dinner (Sponsor Reserved)

### Day Two

#### 22 Nov AM

- |  |              |                             |
|--|--------------|-----------------------------|
| <ul style="list-style-type: none"> <li>• Development of global green building and ecological cities</li> <li>• The cost, value and valuation of green buildings</li> </ul> | Coffee Break | Coherent One to One Meeting |
|--|--------------|-----------------------------|

#### 22 Nov PM

- |   |              |                             |
|---|--------------|-----------------------------|
| <ul style="list-style-type: none"> <li>• Status and prediction of China's green building development</li> </ul> | Coffee Break | Coherent One to One Meeting |
|---|--------------|-----------------------------|

## WHO SHOULD ATTEND

### 1.Green Labels

- Certification bodies and consultants
- Zero and low carbon certification bodies and consultants
- Government program and subsidy
- LEED certification consultancy services

### 2.Green Building consultancy design & services

- Planning, conceptualization and design
- Landscape
- Energy efficiency
- LEED certification

### 3.Building exterior

- Insulation
- Fenestration
- Roofing
- External shading

### 4.Water Saving System

- Piping fitting
- Kitchen & bath water saving system
- Automatic water supply equipment for high rise buildings
- Water purification systems
- Valves
- Swimming pools water savings products and technology

### 5.Automation

- Building and automation system
- Building intelligence system
- Environmental monitoring and control system
- Intelligent lift system
- Intelligent safety and surveillance system
- Building management system
- Mobile and web intelligent monitoring system

### 6.Energy savings System

- Lighting such as LED and energy savings lights
- Power conversion devices
- Heating, Cooling and ventilation control system

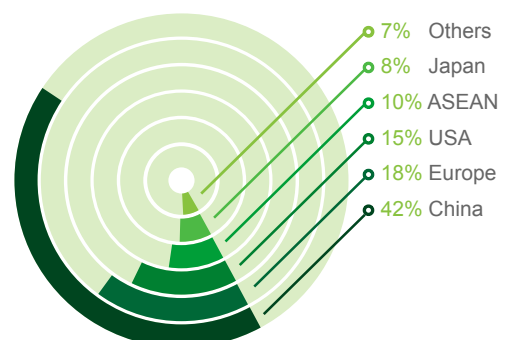
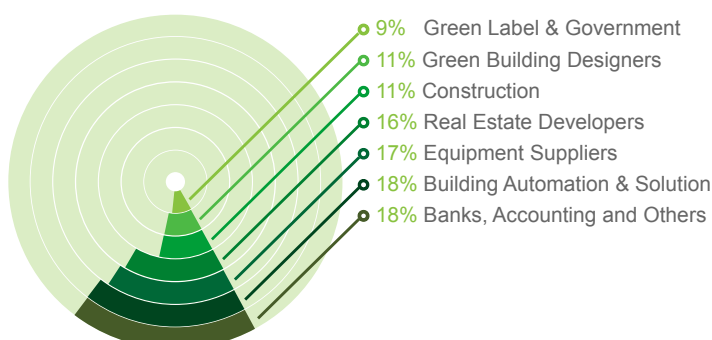
### 7.Eco friendly building materials

- Insulation and wall material
- Fireproof material
- Ceramic
- External wall claddings
- Structure
- Environment friendly construction coating materials
- Renovation material

### 8.Renewable Energy

- Geothermal energy
- Solar energy
- Wind energy
- Bio energy

## DELEGATE PROFILE



# 案例展示：深入研究世界最领先的可持续建筑

## 案例 I :香港 零碳天地

有艺术感的生态设计和技术



- 最有想象力的绿色建筑，唤醒人们环保意识，应对其特定的环境挑战
- 达到绿色建筑环保评核体系 **BEAM-plus** 认证的最高级别，展现卓越的设计理念和施工技术
- 香港首座就地发电、回馈电网的建筑
- 香港第一块城市原始生态林地

## 案例 II: 德国的被动建筑

严格的，自愿的，高效的能源标准



- 德式超低能耗建筑，仅需极少的能量就能为空间供暖或供冷
- 严格的环保标准，广泛应用于不同的建筑式样
- 专注提高住宅设计的舒适程度和节能性能
- 挑战和机遇：现代被动建筑在中国的应用

**加入绿色建筑，接触最前沿的绿色建筑的理念和技术！**



11月21日, 星期四, 2013

0800 嘉宾注册

0850 主席致欢迎词

## S1. 绿色建筑在中国: 产业现状, 关注焦点和未来趋势

0900 绿色建筑和城镇化: 实现绿色中国梦的有效载体

- 中国绿色建筑产业的发展: 回顾, 总结与展望
- 城乡差距: 中国绿色建筑覆盖率的现状
- “绿色”城镇化: 可持续的低碳生态城市和城镇建设
- 促进绿色建筑产业发展: 一定要紧密结合人民的居住需求和节能环保的目标

仇保兴, 副部长, 住房和城乡建设部 (邀请中)

0930 迪拜塔: 创新的可持续绿色建筑设计理念

- 卓越的设计理念: 一切为了迪拜塔的可持续性
- 特殊的抗震性能
- 技术层面的突破: 应对前所未有的设计挑战

Adrian Smith, 设计合伙人, Adrian Smith + Gordon Gill Architecture (确认中)

1000 未来展望: 适合中国快速城镇化发展的绿色建筑

- 简要介绍一下主要特征的绿色建筑设计
- 突出显示国内外在绿色建筑产业上发展的差距, 并指出国内在绿色建筑设计和建筑管理领域中的巨大问题
- LEED 标准的困惑: 什么样的建筑才算是真正的绿色建筑?
- 未来绿色建筑发展的大趋势: 中国的绿色建筑开发商面临的主要困难和挑战

叶耀先, 顾问总工程师, 中国建筑学会

1030 茶歇

1100 政策解读:《关于加快推动我国绿色建筑发展的实施意见》和《绿色建筑行动方案》

- 政策实施的背景和预期完成的目标
- 建立促进绿色建筑产业的快速发展机制
- 补贴计划: 以实现绿色梦想的大力支持
- 畅想: 如何在 2020 年实现 30% 的新建筑是绿建的目标?
- 绿色畅想: 要行进的道路上

袁滨, 总建筑师, 清华安地设计公司

## S2: 绿色建筑的自动化

1130 深度解读智能建筑的建造需求: 万科中心的展示

绿色建筑的概览: 最前卫的水平摩天大楼, 世界上最可持续的建筑之一

王蕴, 总经理, 万科建筑研究中心

1200 午餐

1400 物联网技术: 将绿色建筑转换为居住的有机体的核心力量

- 绿色智能建筑和建筑节能的概念
- 物联网技术: 管理智能建筑的关键力量
- 楼宇自动化系统: 实现节能减排目的的系统
- 绿色建筑在节能层面实现的集成创新: 通过物联网科技培养的“软实力”

邬贺铨院士, 小组组长, 国务院物联网领导小组

陈孝昌, 经理, IBM 大中华区全球解决方案策略部

邓飏, 副总裁, 华为技术有限公司

徐云冲, 副总经理, 万通

1450 西门子的独创技术: 绿色建筑的自动化管理

西门子楼宇科技: 高效节能安全, 首选智能合作伙伴

安小杰, 总经理, 西门子楼宇科技

1530 茶歇

1600 EMS™ 照明-简单地建筑应用系统来: 有效的商业照明及能源管理系统

- 惊人的能源浪费: 传统建筑中的电力消耗的简要说明
- EMS™ 照明系统的介绍和说明
- 6 类照明节能管理系统的阐述: 它们是如何独立工作并产生累积效应, 帮助客户实现显著的节能效果
- 节省 50% ~ 70% 的能源成本: 并非遥不可及

Tony MARANO, 总裁和 CEO, Encelium 科技

1650 LED 照明解决方案: 在不破坏生态平衡的情况下实现建筑“智能照明”的目标

更深入了解世界上最先进的 LED 照明解决方案

赞助商演讲

1720 展示: 香港 CIC 零碳建筑——香港的绿色建筑发展上新的里程碑

- 在香港建造零碳建筑想法的缘起: 原创分享
- 实现 BEAM Plus 白金级认证的应用过程 (建筑环境性能最高等级)
- 智能系统如何运作: 从理念、设计和建造
- 实现零碳目标的计算方法介绍

李贵义博士, “零碳天地” 总监, 香港建造业议会

1800 主席点评 & 第一天会议结束



11月22日, 星期五, 2013

## 主会场

新一代绿色建筑的机遇：能源效率和绿色材料

### 环节1 - 能源效率：节能减排

0900 低碳建筑：绿色建材，节能减排

韩继红，常务副主任，建设部绿色建筑工程技术研究中心

0930 德国绿色建筑建筑节能减排标准的设计和解读

“低碳排放、减低能耗”：DGNB 第二代绿色建筑评估体系，德式标准，中国应用前景

卢求，副主席，德中建协

1000 节能减排技术应用中的创新：打造绿色竞争力

万通在“立体城市”的设想和实践：通过先进的节能减排技术打造建筑的“绿色”核心竞争力

冯仑，董事长，万通集团（邀请中）

1030 茶歇

1100 污水处理技术：可持续的水资源利用

- 如何实现短期水处理投资回报率？
- 快速安装、维护简单的 ZeeWeed® 膜系统：污水处理的革命
- 水排放和再利用处理

Kevin CASSIDY，亚太区总裁，GE 水处理及工艺过程处理集团（邀请中）

1130 能量回收调节器：使建筑物保持清新通风的状态，通过利用自然的力量温暖

WhisperComfort 能量回收通风扇：保证室内空气质量，实现空气流入与排出的动态平衡

Don STEVENS，研发总经理，松下生态解决方案

1200 午宴

### 环节2 绿色建筑的应用材料：可持续性和安全性

1400 绿色涂料：为绿色建筑着色

技术视角——提供可持续的和经济的涂料解决方案，适应新形势下绿色建筑的评价标准

陈平，装饰漆大中华区总经理，阿克苏诺贝尔

1445 赞助商演讲机会

1530 茶歇

1600 高效节能的门窗和幕墙系统：最佳解决方案

赞助商演讲

1645 高端对话：被动建筑——德国风潮，中国经验

- 德国的绿色建筑：具有可持续性和耐用性的居住体
- 耗能标准比较：德中被动建筑的实践性差异
- 被动建筑的将来应用可行性的探讨：结合中国的气候条件、地理因素、建筑类型和居住习惯的综合考量
- 案例研究：被动建筑在北方的应用情况

Ludwig RONGEN 教授, 认证被动建筑设计师

王臻, 首席工程师, 五兴房地产有限公司

1740 主席点评&会议结束

1800 颁奖典礼 & 晚宴 & 鸡尾酒会（赞助商预定）

## 分论坛

改造天际线的能力：高层建筑走向“绿色”

0900 绿色超高层建筑：梦想照进现实

- 绿色超高层建筑：特点概览
- 国内绿色超高层建筑的发展现状和面临的挑战
- 《绿色超高层建筑评价技术细则》解读
- 超高层建筑的设计特点和未来趋势：基于国际化的视野

孙大明，总工程师，中国建筑科学研究院上海分院

0930 超高层的 LEED 认证

超高层建筑的 LEED 认证：新的挑战 and 机会

Scott HORST，资深副总裁，USGBC（确认中）

1000 安防和火警系统：超高层建筑的安全守护者

赞助商演讲

1030 茶歇

1100 智能的节水节电节能方案：“经济实用型”的超高层绿色建筑

赞助商演讲

1130 环球贸易广场的设计经验：高层摩天大楼的节能环保要求

吕立满，东亚区主席，奥雅纳

1200 案例探讨：上海中心——一个超高有机建筑体，一次摆脱地心引力的中国胜利

走进上海中心，了解中国首座达到“双认证”标准的超高层绿色建筑背后的故事

夏军，副总裁，亚洲区设计总监，Gensler