China Sustainable Building Exhibition (CSB) is one of the most influential building technology exhibitions with great commercial value. CSB focuses on energy-saving technology and showcases the whole industry chain of green building, which is an excellent platform to bring together real estate developers, architects, chief engineers, technical directors, product procurers, and other industry leaders as well as professional buyers to demonstrate the technology, promote their products, enhance their brands, and gather contacts.

OVERALL VIEW

- **Exhibition area exceeds**: 35,000 m², up year-on-year 25%
- **Exhibitors composed of leading upstream and downstream enterprises**: 422, up year-on-year 12.2%
- **Professional visitors**: 25,374, up year-on-year 38.2%
- **Concurrent events**: 27

2015 Gross output value of the construction industry in China reached **180,757 Trillion**, up **2.3%** year-on-year.

Construction area of the national construction industry **12.43 billion m²**
Development Advantages
In July 2015 the Ministry of Housing and Urban-Rural Development released the "Guidance on promoting the application of building information modeling" to further promote the application and development of BIM in the construction sector. Meanwhile, as the construction projects are scaling up, the building heights are increasing, the architecture shapes are becoming more complex and the building functions are more intelligent, the information of a project will exert a significant impact on the engineering period and even full life cycle of the entire building. The combination of the building industry and BIM has thus become an inexorable trend.

Core Exhibition Area
To promote the development and application of BIM technology in the building industry comprehensively, CSB has specially set a BIM Central Exhibition Area for over 20 leading software developers, design companies and research units in the field to present a centralized demonstration of the application advantages and core values of BIM technology in the planning, designing, construction, materials, operation and maintenance of engineering projects.

Market Opportunities
In 2014 and 2015 China’s total area of fabricated building reached 18.65 million square meters and 46.50 million square meters respectively. As of 2020, fabricated building shall account for more than 20% of the total area of newly-built area. As of 2025, fabricated building shall account for more than 50% of the total area of newly-built area, the proportion of government-subsidized housing projects that adopt fabricated structures shall exceed 60% and the area ratio of completed decorated flats shall exceed 70%.

Engineering Projects Gathering
Project leaders from real estate developers, functional government departments and architectural design institutes gathered together to make deep analysis of the proposed and unbuilt projects.

Trading Platform Covering The Whole Industry Chain
Running through the entire life cycle of building industrialization, covering architectural design, plant manufacturing, on-site construction and fabricated steel structure systems.

International Platforms + High-end conferences
Betontage and BIC shall continue to work jointly and build Betontage Asia into a high-standard, large-scale and far-reaching professional building industrialization forum and while integrating international vision into the local practices, set up a communication platform for technical exchanges, academic discussions and case sharing for the industry pioneers and practitioners.

Case Study
The applications of BIM in the engineering period of some classic projects, such as Shanghai Center, Disney Fantasy Castle, Hong Kong-Zhuhai-Macao Bridge and Shanghai Shimao Chasm Hotel, were presented comprehensively and some practical issues, such as the work arrangements, technical difficulties and process control during the whole construction process were analyzed.
Practices have proven that to promote passive ultra-low-energy buildings under China’s current conditions, suitable energy-saving building technologies may help us to reduce greatly the building energy consumption at financially affordable construction costs.

### PASSIVE HOUSING PROJECTS

- Qinhuangdao “Water Front” residential project
- Weifang Binhai District “Home of the Future”
- “Sino-Singapore Tianjing Eco-city” 13,500 m² German Passive House Pilot Project
- Landsea Brooke passive house
- Sino-German eco-park passive house
- Harbin Chenergy Stream Tree Courtyard
- Zhuzhou Qinglong Bay passive low-energy building
- Beidaihe District Dapuhe Primary School and Tuanlin Experimental School
- Mightier Group Low-energy passive house

### Gathering Place of The Low-energy Passive Housing Industry Chain

Keeping pace with the market trends, CSB shall set an exhibition area of the passive house models and matching technologies to present an integrated demonstration of energy-saving technologies, such as building envelope thermal insulation, energy saving windows and doors, heat recovery ventilating systems and building integrated solar system, gather development and construction units, architects and production enterprises of passive houses to discuss on the technical development, energy consumption testing and share successful construction cases and experiences.

### International Authoritative Forum

Sponsored by China Association of Building Energy Efficiency, International Ultra Low Energy and Passive Building Development Summit invites international experts, development units, construction institutions, designers, engineers and production enterprises in the construction sector of passive houses to share their experience in practical projects, learn from the advanced German passive housing technologies and explore the application and promotion mode of low-energy passive houses in line with China’s climate and geographical conditions.

### EXHIBITS SECTOR

1. Prefabricated Architectural Design
2. Factory Manufacturing
3. On-site Construction
4. Prefabricated Steel Structure System
5. Urban Planning & Architecture Design
6. Green Building Label and Low-carbon Practical Demonstration Area
7. BIM Application and Architecture design software
8. Building Envelope
9. Building Technology
10. Mechanical Parking System and Technology
11. Thermal and Waterproof Materials
12. External Decoration Materials
CONCURRENT EVENTS

With excellent and rich contents, CSB2015 and its concurrent events won high appraisal from both the exhibitors and professional visitors. It also set up an ideal platform for enterprises to develop annual event, launch new products and accumulate popularity thus to improve the exhibition result.

1 High-end Summit
   - Beton Tage asia 2015
   - World Cities Day Forum 2015

2 Professional Forums
   - Shanghai International Building Information Modeling and Practice Forum
   - The Passive and Low-carbon Green Building Technology Forum

3 Seminars
   - “Building Information Data Automation” Thematic Seminar
   - 2015 Shanghai International Symposium on The Falling off Accident Analysis and Reinforcement & Repair of Exterior Wall Insulation System

4 Real Model Room
   - Modular Demo Room of ZhuoDa Group
   - Container (Steel Structure) Demo Room of BAOSTEEL
   - DaHe Demo Room of BaoYe Group

5 Special Field Trips
   - PC Elements Factory of Shanghai Tunnel Engineering Co., Ltd
   - PC Elements Factory of China Construction Eighth Engineering Division Group Ltd
   - PC Elements Factory of Residential Industrial of Shanghai Yuhui

6 Business Activities
   - Strategic Cooperation Signing Ceremony of Green building Enterprise
   - Peikko Group’s 50th Anniversary Celebrations

7 On-site Experience Area
   - 3D Space Printing Technology Exhibition of TJAD
   - Virtual-Reality Experience Activities of YanTongZhiZhu
The only building technological exhibition which presents the whole industry chain of the green building, gathers the top-level resource of construction industry and showcases the advanced construction techniques and construction methods in East China.

- The top three number of visitors are real estate developers, architectural design, housing / construction general contracting and professional contracting units, accounting for 55.35% of total visitors;
- The number of green building components & parts suppliers increased sharply, from 3.09% to 15.28%;
- The sectors that the visitors focus on have extended from the partial to the whole industry chain of green building, which led to the rapid increase of the visitor quantity.

With the substantial increase in the number of visitors, CSB 2015 attracts more management and policy-makers to visit, which indicates that CSB receive more attention and recognition in the green building industry and has become the most influential leader in building technology fair.

Combine the technical exchange and cooperation procurements to provide the truly one-stop service platform for industry

- Visitors aim to collect market information, seek partners and understand the policy developments as well as industry standards;
- Visitors for the purpose of purchasing and seeking partners witness the most significant quantity growth compared with 2014, an increase of 20.13%.
Shanghai International Building industrialization Exhibition (BIC) has become the construction industry chain upstream and downstream enterprises concentrated exchange, trade, display platform. Exhibits throughout the entire life cycle of industrial buildings, industrial buildings permeate the whole industry chain, covering architectural design, plant manufacturing, site construction and assembly of steel structure system.

After nearly two years of development with BIC, the success of improved building awareness in industrialized society, the majority of industry colleagues in a timely manner to reflect the latest policy National Building research and development of the field of industrialization, technological achievements and problems, to strengthen international professional exchanges in order to promote industrial development in China building mission, to help traditional companies find opportunities for the construction industry transformation and development.

Exhibits Scope

- **Factory Manufacturing**: Prefabricated Production Circulation System and Equipment, Fitting, Embedded Part & Accessories, Concrete Chemical Products, Molding Toolkits, PC Elements;
- **Site Construction**: Formwork System for Building, Formwork Accessories, Scaffolding System, Precast Shoring System, Installation Tools;
- **Prefabricated Steel Structure System**: Steel Structure, Wall Panel, Slab, Roof Panel;

Representative Exhibitors
Building systems and technologies Pavilions showcase the leading technologies of building envelope and building energy efficiency. BST exhibits building facades system, windows, wall materials and decoration, photo-thermal technology, BIPV, air fresh system and total solution of energy saving engineering service. With the booming domestically development of housing industry modernization, building industrialization and passive house industries, the construction group, architectural design institute, engineering service contractor and real estate developer will come to BST looking for the latest building technologies and business development opportunities. The concurrent conferences and side events will focus on the theme of leading building technologies and building energy efficiency in the practical application.
TIM&EDME 2016 mainly includes five sections of thermal insulation material, waterproof material, external wall decoration material and construction steel structure, metal house (wall) and the cold roofing, as well as the technology and products of existing building energy efficiency reformation.

By means of exhibiting the insulation, waterproof, decorative materials for building exterior, roof and wall and combining the existing building energy efficiency reformation, the exhibition will vigorously promote the demand for materials and effectively integrate industry chain with extension, upgrading the whole industry to realize the sustainable development of construction and to create greater value.
China Sustainable Building Exhibition

Exhibition Area 40,000m²  Exhibitors 500
Professional Visitors 30,000

Project Manager
Terry Chen
Mob: 137 6118 8077
Tel: +86 21 6195 6079
Mail: terry.chen@vnuexhibitions.com.cn

Marketing Cooperation
Theresa Wang
Mob: 139 1780 8420
Tel: +86 21 6195 6097
Mail: theresa.wang@vnuexhibitions.com.cn

BIC | HALL N2
Michael Ma
Mob: 137 7421 1886
Tel: +86 21 6195 6085
Mail: michael.ma@vnuexhibitions.com.cn

ST | HALL N3
Tom Cao
Mob: 187 2158 2368
Tel: +86 21 6195 6011
Mail: tom.cao@vnuexhibitions.com.cn

Upad | HALL N3
Dora Zhang
Mob: 150 0015 7422
Tel: +86 21 6195 3522
Mail: dora.zhang@vnuexhibitions.com.cn

Tim | HALL N4 HALL N5
Ding Li
Mob: 139 1693 8258
Tel: +86 21 5109 0822
Mail: dingli@zhanye-expo.com

Contact

HALL N2
- Shanghai International Building Industrialization Exhibition
- Building System and Technology pavilion

HALL N3
- Shanghai International Architectural & Engineering Design and Urban Planning Exhibition
- Building System and Technology Pavilion
- Mechanical Parking System and Technology Exhibition

HALL N4 HALL N5
- Shanghai International Thermal Insulation Material, Waterproof Material and Energy-saving Technology Exhibition
- Shanghai External Wall Decoration Materials and Bonding Technology Expo