

**Development of
China Concrete Industry**

Secretary General Mr. Qinxian Sun
October 26th, 2014

CCPA 不断进步 真诚服务
中国混凝土与水泥制品协会

- Introduction of China Concrete and Cement Products Association (CCPA)
- Development of China Concrete and Cement Products Industry

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About CCPA

- Profile
- Main Business Scope
- Organizational Chart
- Activities

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Founded in 1986, China Concrete and Cement Products Association (CCPA) was formerly known as Cement Products Branch of China Building Materials Industry Association (1986-1992) and China Cement Products Industry Association (1992-2006)

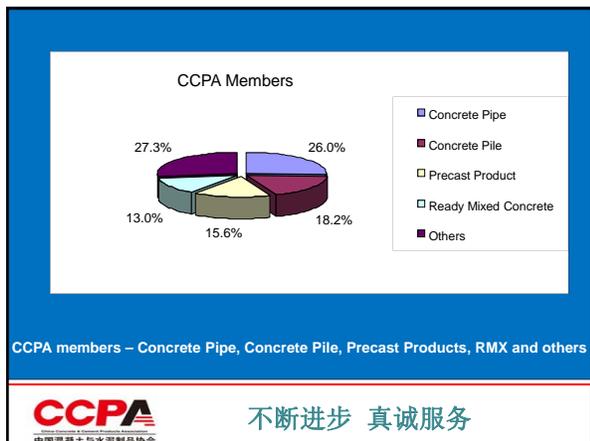


President
Dr. Yongmo Xu

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- CCPA is a national level not-for-profit organization that represents companies and organizations in concrete/cement products industries in China.
- By the end of June 2014, CCPA has over 770 members mainly involving concrete/cement products manufacturers, research institutes, provincial associations, equipment producers and auxiliary products makers.

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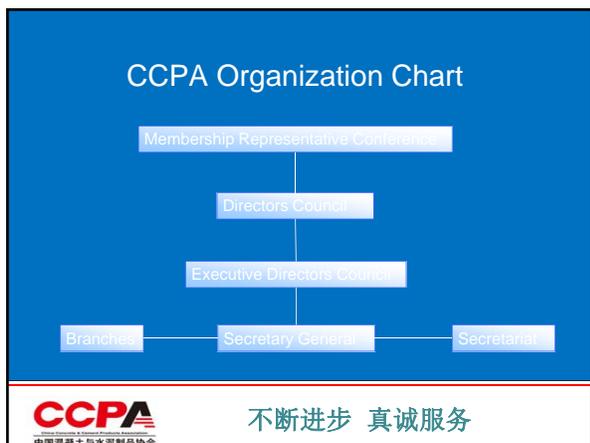


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- Implement industry investigation, collect and analyze industrial data, accordingly offer fundamental information for the government to formulate industrial policies and make strategic plans.
- Provide consulting services and organize seminars to improve business management and increase products quality and profit.
- Strengthen communication and cooperation between domestic and foreign enterprises/organizations of the industry.
- Conduct market research to facilitate enterprises' market exploitation and mediate disputes arise from business operation and/or market competition among CCPA's members in accordance with industry regulations and/or agreements.
- Promote the development of concrete/cement products industry based on technological progress and innovation.



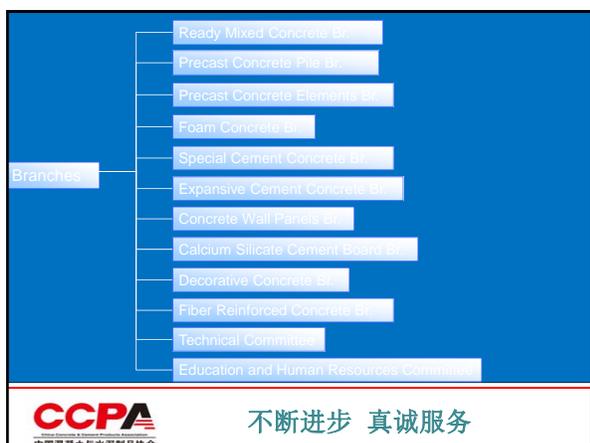
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- ### CCPA - Activities
- Industry development plan
 - Code (National Code GB, Industry Code JC, Association Code CCPA)
 - Standards
 - Policies
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CCPA - Activities

- Since 2011, CCPA has published annual China Concrete and Cement Products Industry Yearbook to summarize technology progress and innovations across the country. Conference proceedings and academic books are issued for strengthening science and technology exchanges.
- CCPA publishes monthly magazine China Concrete, which features latest information on government policies, domestic and foreign technology progress, economic operation and market demand.
- CCPA's monthly magazine China Concrete and Cement Products contains academic papers focus on materials research, design theory, projects and development of business administration.



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China Concrete

China Concrete and Cement Products



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CCPA - Activities

- Conventions, Seminars and Training Courses

CCPA conducts seminars and training courses when required and available to help individual engineers improve their technical know-how and skills.



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CCPA - Activities

- Exhibition

CCPA is a principal founder and sponsor of Concrete China Week. This show is an annual event that brings together professional attendants from aggregate, concrete products/block, additive and concrete producers, engineering and design institutes, constructors, equipment producers.

At Concrete China 2009, there are approximately 150 exhibiting companies and more than 13,000 attendants.



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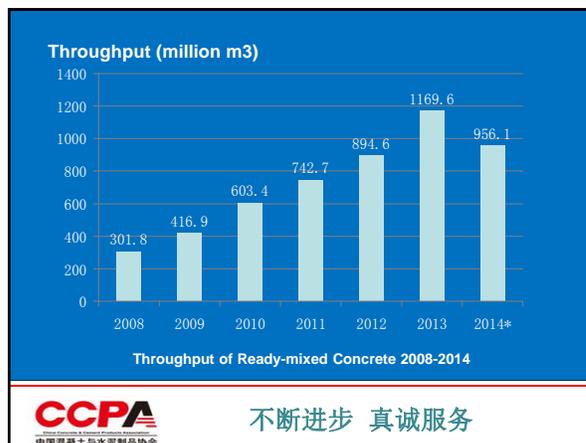
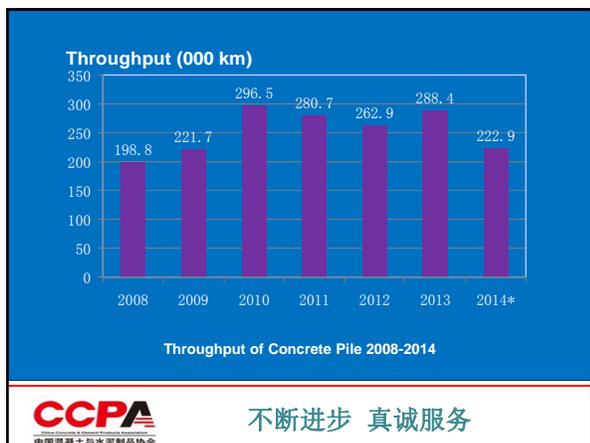
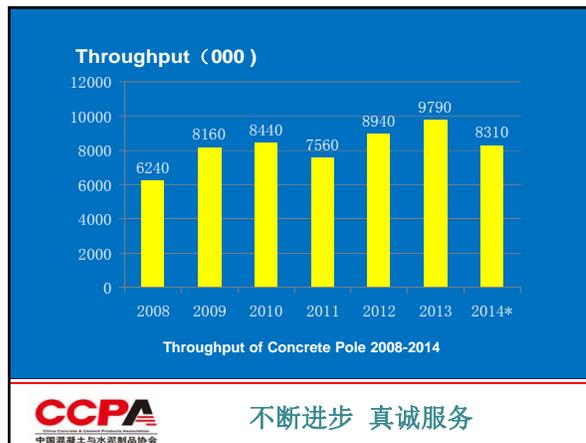
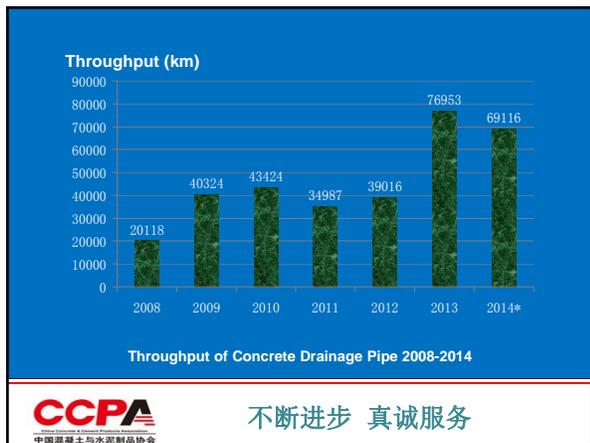
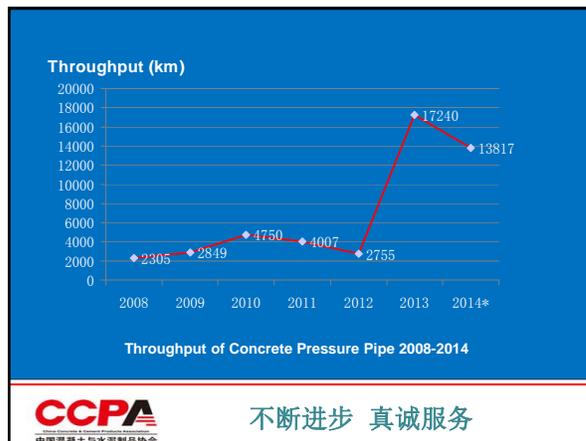
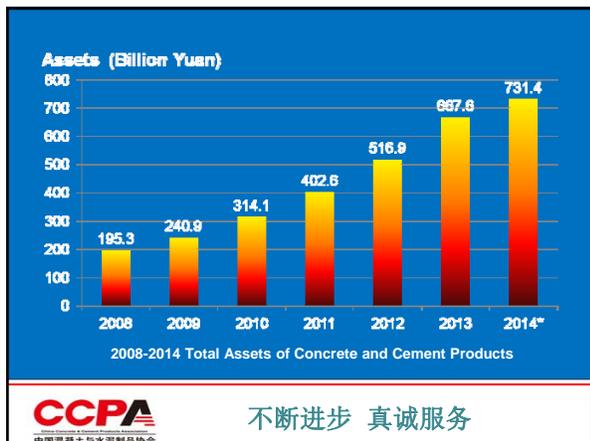
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The rapid development of Chinese economy and increasing demand in infrastructure and housing sectors drives forward of the concrete and cement products industry.

Principal products include: Concrete Drainage Pipe, Concrete Pressure Pipe, Concrete Pole, Precast High Performance Concrete Pile, Ready-mixed Concrete and Calcium Silicate Cement Panel.



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China concrete technology improvement :

Promote application of HPC: China Ministry of Housing and Urban-Rural Development and Ministry of Industry and Information Technology are promoting the application of HPC. Many skyscrapers are either constructed or under construction.



Effect picture of China Zun (under construction)
On April 27 2014, placing for the ultra-thick massive concrete baseboard of the highest building in Beijing – China Zun, was completed. The placing lasted for 93 hours with the total amount of 56,000 m³, which hit the record of concrete placing in Beijing.

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China concrete technology improvement :

- On Dec 16 2008, China Construction Fourth Engineering Division and Zoomlion succeeded in pumping C100 UHPC to the top of Guangzhou International Finance Centre (Height: 411 m)
- On April 10 2011, Zoomlion concrete pump succeeded in pumping C120 UHPC to 417 m at KingKey 100 in Shenzhen.



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Promote modernization of housing industrialization: conduct development planning, promote prefabricated construction in residential and public buildings

	Near-term target 2012-2015	Mid-term target 2016-2020	Long-term target 2021-2025
Planned city of industrialization nationwide	50 pilot bases of national housing industrialization	30 pilot cities of modernized architectural industrialization	30 demonstration cities of modernized architectural industrialization
Pilot and demonstration projects of industrialization	50 demonstration industrial park, pilot projects of 5 million m2 p.a.	30 urban industrial parks; demonstration projects of 30 million m2 p.a.	Create whole industry chain mainly in cities; industrialization buildings of 100 million m2 p.a.
Utilization of industrialization component	30% of components integration	60% of components integration	90% of components integration
	50% of equipment integration	75% of equipment integration	90% of equipment integration
	15%-30% of struct body	30%-50% of struct body	50%-70% of struct body

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最佳创意
国家大剧院
观众厅吊顶
——GRC装饰艺术
国家大剧院观众厅吊顶工程，由北京中创伟业建筑装饰工程集团有限公司（CCPA）承建。该工程采用GRC（玻璃纤维增强水泥）材料，造型独特，线条流畅，充分体现了现代建筑艺术之美。工程完成后，观众厅吊顶整体效果美观大方，与大剧院的建筑风格完美融合，赢得了业主和观众的一致好评。

Partial View of GRC Ceiling of China National Center for the Performing Arts

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Full View of GRC Ceiling of China National Center for the Performing Arts

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Thank you!

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