

International Horticultural Exposition 2014 Qingdao China

presented by Mr. Li Fengli, Secretary-General of Executive Committee of The Expo 2014 Qingdao

Bureau of International Horticultural Exposition 2014 Qingdao China 2014.09









CHINA FLOWER ASSOCIATION











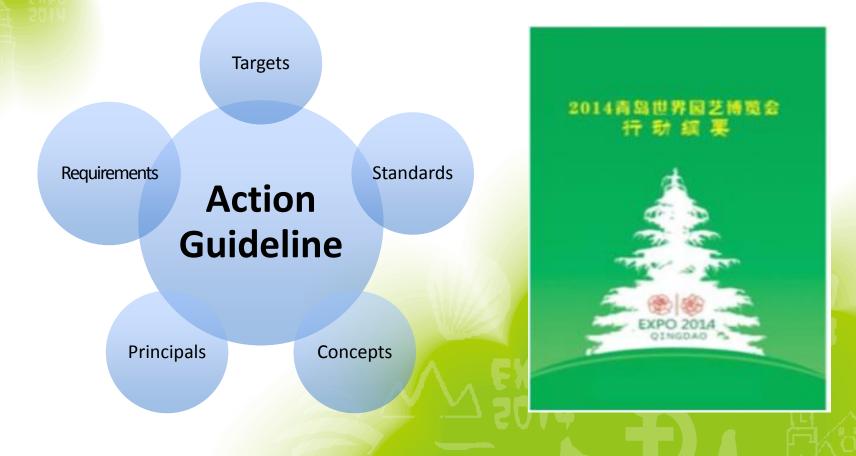




















During the Period of Construction and Preparation



1. Our Working Team Staffs during preparation period

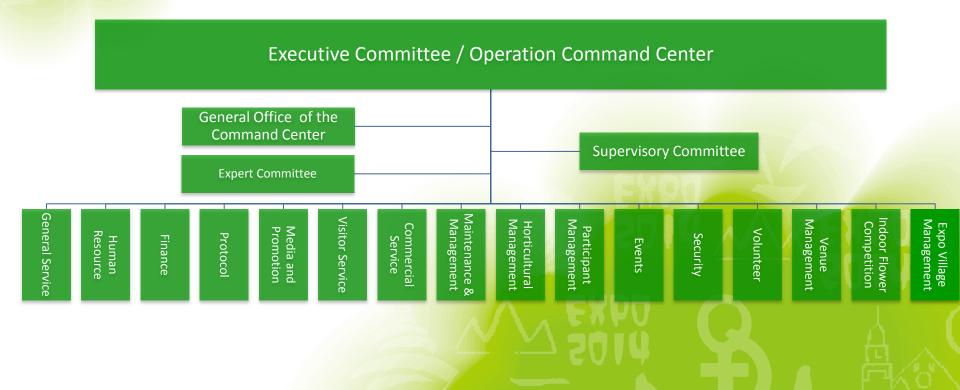


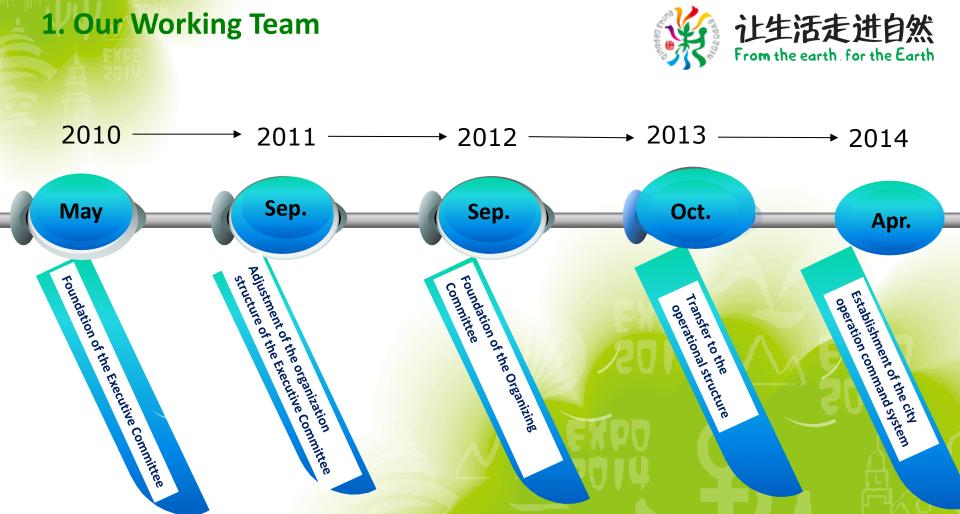




During the Period of Operation









Staffs during operation period:

300 management staffs; **600** contractors/day; **470** volunteers/day















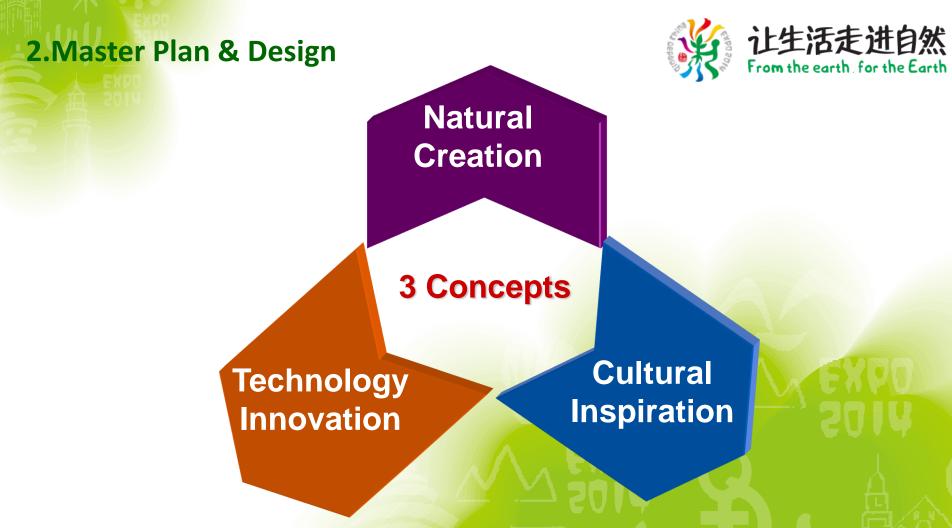


Theme





让生活走进自然 From the earth, for the Earth





Masters from over 30 domestic and international designing institutes involved



Prof. Wu Zhiqiang: Chief planner of Expo 2014 Qingdao Chief planner of Expo 2010 Shanghai Vice President of Tongji University



Stephan Rewolle: GMP Architekten

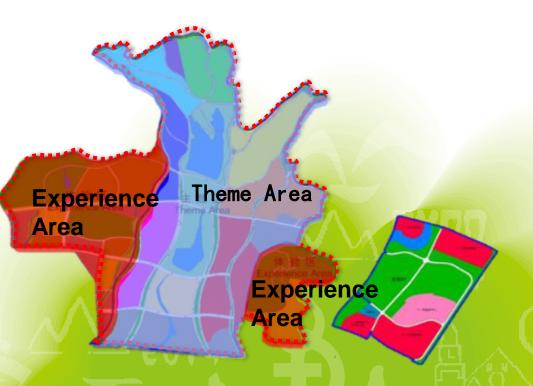
Master Plan

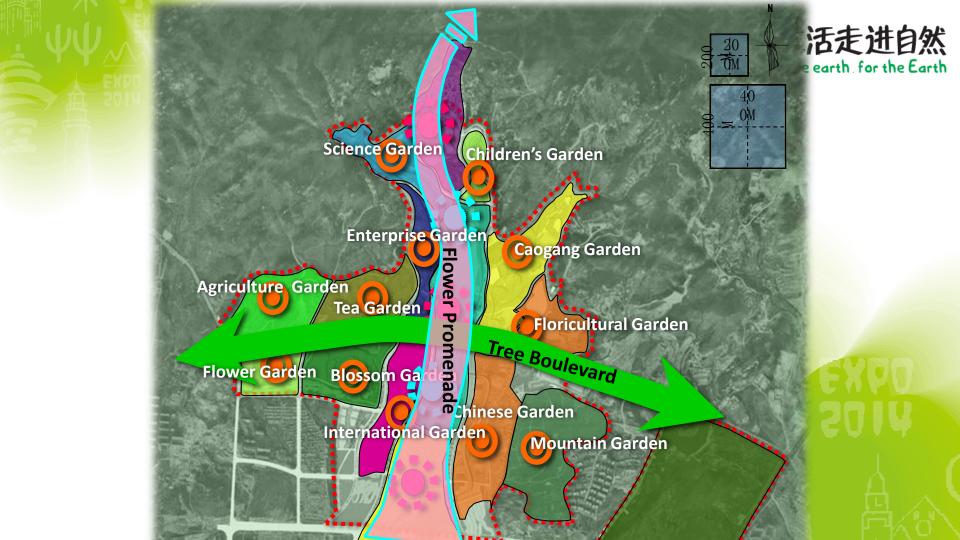
- Total Areas: 241 ha
- Theme Area: **164** ha

(including **15.6** ha water area)

- Experience Area: 77 ha
- Logistics Center:
- Expo Village (**55** ha)















Master Plan Concept: Fairies scattering flowers

Walking System: Colorful ribbons







Landmark Viewing Platform







The construction of the landmark viewing platform for ecology restoration





The construction of the landmark viewing platform for ecology restoration







April, 2012



When Construction of Theme Pavilion starts

When Construction of Botanical Pavilion starts





May, 2012





Earthwork Construction- Theme Pavilion

Pouring Cushion- Botanical Pavilion



October, 2012



Theme Pavilion

Botanical Pavilion

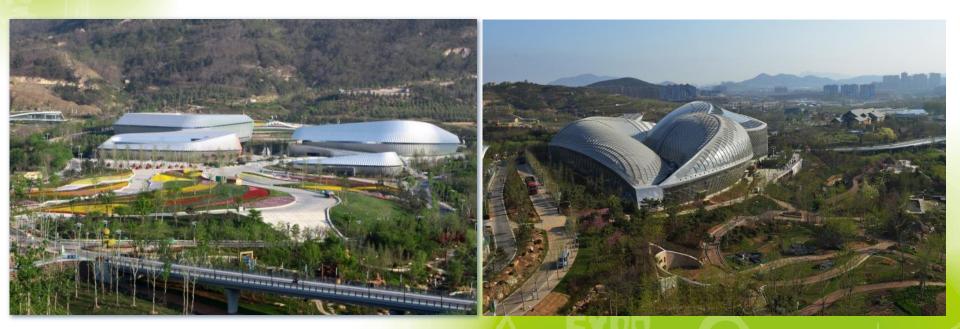


January, 2013



Both the Theme Pavilion and the Botanical Pavilion are topped in January, 2013.





Theme Pavilion

Botanical Pavilion





Luban Awards-China's top awards for construction quality is under application for the Expo construction project.





















General survey on the animals and plants originally existing in the area



On-site Survey with Qingdao Agriculture University



Survey on the existing animals





Newly planted plants over **1500** species ; Newly planted **109,000** trees and shrubs; Newly construction green field system **172.3** ha.; Greenery coverage rate up from 52% to **71%**.











Flower Configuration guided by Mr. Niek Roozen





Flower trial cultivation

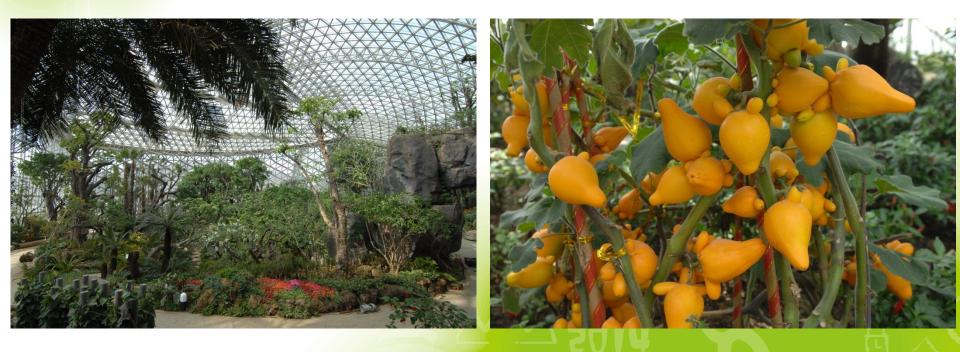








Over 800 species of plants displayed in the Botanical Pavilion













Musella



Konjac



Mysterious fruit











Pereskia nemorosa



Nepenthes







Flower and vegetable seeds cultivated in the deep sea device



让生活走进自然 From the earth for the Earth

Vegetable seeds cultivated in the spacecraft





Space Pumpkins

3. Horticulture Design Vegetable seeds cultivated in the spacecraft





Space Ornamental Peppers

Space Tomatoes



Display of marine plants for the first time in the history of Intl. Horticultural Expo





Display of marine plants for the first time in the history of Intl. Horticultural Expo







































The merging of horticulture and culture



Guinness World Record-World's biggest 360° 3D Painting themed on Ocean and Horticulture

3. Horticulture Design The merging of horticulture and culture







Painting made with toasts

The merging of horticulture and culture





Flowers made with chocolates and candies

The merging of horticulture and culture



Flowers made with chocolates and candies



















4. Scientific Highlights On Energy Conservation





Wind-Solar Hybrid Road Lamp

Tubular Daylight Devices

4. Scientific Highlights On Energy Conservation





Combined Cooling, Heating and Power system for the energy consumption in the Theme Pavilion

4. Scientific Highlights On Energy Conservation





Other clean energy technologies: Air Source Heat Pump, Soil Source Heat Pump, Solar Energy, etc.

4. Scientific Highlights On New Construction Techniques





Warm Mix Asphalt

Rain Collection Pavement

4. Scientific Highlights On Horticultural Techniques





Biological pest control



4. Scientific Highlights





Application of pollution-free sludge fertilizer and algae fertilizer

4. Scientific Highlights On Ecology Restoration





Before

4. Scientific Highlights On Ecology Restoration







Restoration Techniques: vegetation concrete, vegetation bag

4. Scientific Highlights On Water Resource Conservation





Rain collect system

Roof irrigation system

4. Scientific Highlights On Water Resource Conservation







空气取水机制水流程:HYQDHR-50L 空气取水机通过空气收集装置收集空气;收集到的空气通过空气过滤 器将纯净的空气通过冷凝管生成水;水通过集水器流至下水箱;下水箱的水将进行紫外线消毒;消毒后的水通过 净化 PP 棉、前置活性炭、TCR 活性炭、RO 胰逐级过滤、净化,制成纯净水后流入上水箱;上水箱的纯净水通 过后置活性炭过滤后经过紫外线消毒管;再通过出水口放出来的纯净水即是可以直接饮用的纯净水;出水口完成 放水后,在出水口和紫外线消毒管之间余水会通过循环阀流回到上水箱;如果上水箱的纯净水 24 小时没有循环 或使用,那么上水箱的纯净水会通过冲洗阀流到下水箱进行重新逐级过滤、净化。

System for water extraction from air

4. Scientific Highlights

Online Expo Mimic Demonstration

















5. Platform of Intl. & Regional Exchange Participants:

- •35 international gardens from 37 countries and 1 international organization (INBAR);
- •All the provinces and province-level cities from China;
- •All the cities from Shandong Province.









Holland Garden

Nepal Garden







Quebec (Province) Garden, Canada



INBAR Garden







UK Garden

Sweden Garden







Brest Garden, France

Pays de la Loire Garden, France









Valencia Garden, Spain

Turkey Garden







Long Beach (California) Garden, USA

Oldenburg Garden, Germany







Kyoto Garden, Japan

Gunsan Garden, Korea





Thailand Garden



New Zealand Garden







Perm Garden, Russia

Africa Garden







Mexico Garden

DPRK Garden

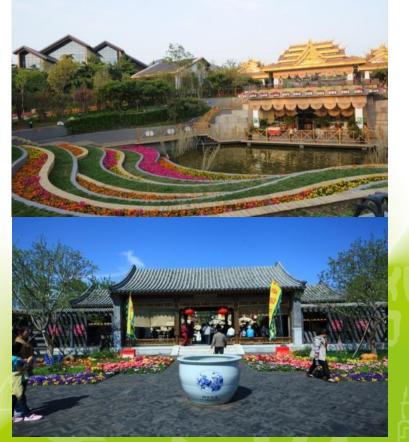






iangsu Province

Guizhou Province



Yunnan Province

Beijing City







Technical exchange with international participants on construction

5. Platform of Intl. & Regional Exchange Opening Ceremony







Events from different regions







'Qingdao' Tulip Baptizing Ceremony



Mannheim Week



Flower Arrangement Master from Kyoto



Georgia (USA) Day

5. Platform of Intl. & Regional Exchange Events from different regions







Opening of Brest Garden



Chinese Taipei



Ice Sculpturing in Sweden Garden

Events from different regions







Guangxi



Xinjiang



Korea

Dezhou

Acrobatics,

Shandong

5. Platform of Intl. & Regional Exchange Events from different regions





Bagpipe performance from Bretagne, France



Acapella performance from Hong Kong

5. Platform of Intl. & Regional Exchange Cooperation and Exchanges in various areas are boosted



kposition 2014 Qingdap

2014年青岛世界园艺博览会 22nd - 24th May 2014 2014年5月22日-24日

2014青岛世界园艺博览;



On the 65th AIPH Annual Congress

Vice Minister of the Netherlands **Ministry of Economy, Agriculture &** Innovation on the opening of **Holland Horticultural Day**

ong Agricultural Bureau 山东省农业厅 tive Committee of the International Hortice

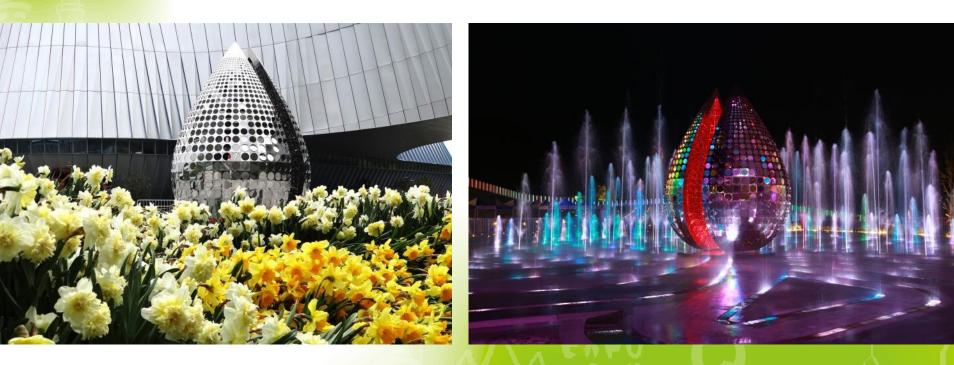
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K ROOZEN by















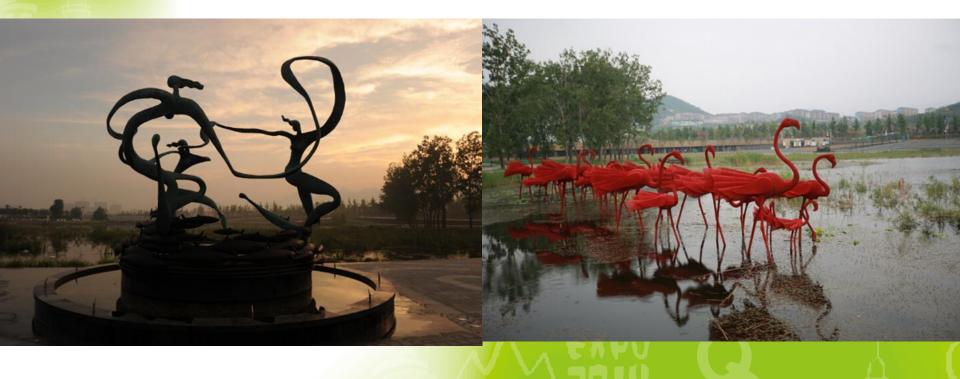




































Advertisement in the air with Shandong Airline

Promotion on the sea with the ocean expedition vessel









Reports on Washington Post

xpo's design.

24 gingdaospecial

WEDNESDAY, |ULY 11, 2012 (CHINA DAILY





Artist's conceptualization of an serial view of the proposed layout for the 2014 Qingdeo International Horticultural Expo.

recreating on the constanty Artist's rendition of the Theme Pavilion, one of the two landmark buildings of the 2014 Qingdeo International Horticultural Exposition, its design inspired by the China rose, the pavilion resemble.

Qingdao gets chance to shine on world stage

the field of horticultural science.

"Qingdan is now faced with alload modern city."

Exhibition is the biggest event the coastal city has held since hosting the 2008 Olympic Regatta

Editor's Notes: Qingalan, a By XIE CHUANJIAO AND ZHUAN TI estanted city in East Shandong antional specificity when it heated

the Olympic Softry Reports and Panalympic German in 2008, and t will once again gein world- in Standong province is poise. wide forme as the host of the Qir- to capture the world's attention al Error in 2004, when the city of the International Horticulwell demonstrate its stampingly turnel Eagon beautiful scenery and supremely

inable environment to the world unice many. ton to attend the event.

national event." Six years after boeting the LLQUN PARTY DEEL OF ONGOAD Olympic and Paralympic sailing events, the city of Gingdan The most-spiencid horticulplan International Horitzahar- man more in 2014 as the bast tural artworks and latest gardaning technologies will be presetted to visitors from all over With the theme "From the the world along with the city's

Qingdao is now faced

earth, for the Earth", the exposicilarization fast are synamy- and construction, events manwill open in April 2014 and last move with its brand - openra. until October. The organizers beaches, beer, the Olympics and

espect around 12 million visi- an ecrosogical environment.

expo, the International Hor- elements to demonstrate local ticultural Exces shows variet- characteristics," said Li. "We there are mountains, hills, Wang said the store will ies of rare plants and the latest will also take the chance to rocks, a reservoir and forests "take the lead in the world in at

gardening technologies. It is improve the city's environment of all kinds. least 10 senants". regarded as the "Olympics" in and functions and upgrade its Qingdan is one of the very "For example, the gardenquality to build an internationfew reportainous areas that moted buildings will googers have been selected to host the ecoo for the first time, and "The supo should be unique the horticultural supo, but the WiFi coverage area will be the widest," he said. "And we nise its profile by basting each larg, deputy mayor of Qingdan. famous Chinese borticulturist will have the largest meantain in the world." One of the parks in the versus industains and forests are the has been set existe for cities in best places to build gardens. Shandong province to show-The plan combines traditioncase their rich cultures. "We are expecting all participating dities to bring their hes

designs, combining both local features and latest city development, to make ancient Shardone culture and modern innointernational standards and expo is located in the Balguo earth, the seven elements in vation better understoad by the outside world," said Wang.



让生活走进自然 From the earth. for the Earth

cultural Expo will b

r toxo when

hed, and also an

fully held the 200

while provides precious opportunities

to accelerate Qingdao's development

In the law period of scientific dead-

ement. Qingdao is able to continue

Obmpic sailing race and enhance par-

he following effocts of the 2008

Wang said.

OINGDAOSPECIAL

The 2014 Qingdao Horticultural Exposition **Beyond the exp** ngdao to present a illiant green world with highest grad hosted by Qingdao after it mac Olympic sailing brilliant horticulty al expo to the world

Seven color zones The construction of the expo park,

GLOBAL TIMES

By Chen Dujuan T De coustal city Qingdao, a peatl in the

dong Province, will mesent a brilliant

green world during tional Horticultural

Exposition. As the

first coastal city

national event in

China, it hopes to

offer the best comb

nation of its coasta tural landscares

to host this inte

counded on three sides by green hills, is expected to be completed as of October 2013, A trial run will then begin ending at the end of March 2014. ollowed by the official opening of the expo from April to October 2014. said Wang Jiansiang, deputy major of Qingdao and executive director of the Qingdao Horricultural Espo's esecu-

Mountain to the north of the city will see flowers spread along the main mad, extending from the mountain-top at the north end of the park to the entrance at the south.

are all linked to the main theme. The red zone will be exhibition displays from China's municipalities as well e cities from Shandong Province; the orange zone aims to bring green concepts to visitors; the yellow hert zone will display how plants fight against pollution: the green zone will offer a paradise for children; the ligh green area will display nature through dvanced technologies; the blue area will aims to highlight low-carbon echnologies: the purple area will see different countries displaying their Wu Zhiqiang, chief planner of the

2011 Shanghai World Expo and vice resident of Tongji University, is the thief planner for Qingdao's expo park inous landscape

Building an event in "world class, Chinese fashion, Shandong charac-

otics and Qingdao brand," is the



jective of the expo, according to

"World class" means world-class planning, designing, architectum and management: "Chinese fashior refers to the promotion of ecology, the environment protection, low carbon, and energy conservation: "Shandon characteristics" means the capo will show Shandong's history culture. horticultural art and unique mou tainous park: "Omadao brand" mean the expo will become a new brand for Qingdao to help it form a new tour ism pattern with "the olympic sailing nter in the south and expo zone in

Compared with previous horticul tural expos held in China, Qingdao is the first coastal city to hold the expo fer the best experience to visitors.

said Wang. Located close to Laoshan Mountain, the expo park has rolling hills

cipation from all citizens to advance ratained and sound arrowth of its onomy and society. Wang said with enfidence. The covironment in the northern rt of Qingdao where the expo para he city is developed will be improve enhance the living standards of citizens, according to him. rich soil, clean reservoirs and a dense Hosting the expo adds new orest, which has excellent landscapes, impetus to the tourism industry in according to Wang, "A combination Qingdao. Lasting for half a year, the rticultural espo is espected to atmountainous landscape are the most tract at least 10 million visitors from

sticeable characteristics of the Qinghome and abroad: therefore, related dao Horticultural Espo Park. sectors from diving, accommodation Besides inviting Wu as the chief planner, the Qingdao government also hired 18 well-known experts and good designing teams from the US aman Rebain and Itals to merticinat in planning and designing. With their ionally leading in at least 10 aspects.

work?'s lorgest meanitain fountain, he capital from home and abroad.

transportation and commerce will be atly hoosed. The espo park will be a new high-end horriculture-themed scenic spot for Qingdao and transfers the city from sightseeing to leisure The expo also provides a new plat form for Qingdao's further opening up, he pointed out, as the commi-For example, it will see all buildcation and cooperation between Oin ings with roof greening for the first adao and the world will be boosted time, full coverage of wireless network which is good to create Qingdao as an for the first time, the world's first best international city, to improve investeticultural experiment zone and

introduced. "More innovative ideas ind technologies will be used in the following projects, and I believe thi ano will be an innovative one



City preps for 2014 horticultural expo

By XIE CHUANJIAO zischustylise globinadatija zoman	the most beautiful places	exhibition sections, mainly for relative international organizations, countries,	ticultural center are start-	66
heavenly maidans, the	heaity of Jamhou Bay and the splendors of Baiguo		stages. The there hall has four	
gdan International Horti- cultural Exposition features	Mountain. They decided to stop and as they descended, seven bands of distinctive colors began to fall," said	were frequent supporters for the expos in the past," 11 said. The green park consists	pavilions, which resemble petals. The first and second pavilions feature the local	

China Daily



with Chinese style and Incal March this year. features". It has introduced technologies in venue planning Mountain Forest Park, a forest ancient Chinese philosophy. park that is a 30-minute drive ing investment.

in its culture," said Wang Jiana- this venue reflects the ideas of to how to display and integrate (1368-1644), who believed that culture into the plan." We Thisians the shief brings new challenges and new planner of the 2010 Shanghai World Expn, has been invited al Chinese concepts of harmony to plan the Qingdas institual between heaven and earth with The city government has tural copy, His overall plan was latest erdritecture technologies. planned a "world-class appo approved by an appert panel in. The seven parks in the site are therned on the son, the moster, The main venue of the metal, wood, water, fire and

The construction of a narragement, services and attract- from downtown Qingday. It is ber of pavilions in the venue Contact the ortion of also not far from the Lacohan has been completed, along ziechuortiao@chinadath.com Along with the global start- Mountain, which is one of the with two-thirds of the roads, on and along along

As a professional non-trade dards, we will also add local best-known tourism destina- rable and mingline networks, chinadath row or

Artist rendering of the Botany Pavilion, which will provide science citure, entertainment and leaure activities in theme sections.

such as marine plants, bamboo, rattan, and temperate plants

A LL

The expo park, located on Baigue

The seven color zones of the park



Global Times

6.Promotion & Marketing Promotion in different kinds



New York







Qingdao



Shanghai



Beijing

6.Promotion & Marketing Promotion in different kinds





Shanghai Metro



Promotion in Shandong Province





Image Ambassadors



主办单位:国家林业局 山东省人民政府 2014 青岛 中国国际贸易促进委员会 中国花卉协会 世界园艺博览会 协办单位:青岛市人民政府 tional Horticultura Exposition 2014 Qingdao 走进自然 From the earth. for the Earth 网址:www.qingdaoexpo2014.org 新浪環博:http://weibo.com/qdexpo2014 腾讯版博:http://t.qc.com/qdexpo2014

Over 30 sponsors at different levels



Global Partners

















6.Promotion & Marketing

Over 30 sponsors at different levels

Senior Sponsors





6.Promotion & Marketing



Licensed Products









Children's Dream Garden







Angry Birds Amusement Park

Brazil Garden





Bird Garden



Carnival 2010





Paul Frank Activity Park



Hot Balloon







Costume Parade

















YOU NEVER GET A SECOND CHANCE TO MAKE A FIRST IMPRESSION







13 Tourist Service Centers; **62** guide spots scattered ; **16** volunteer service booths









Service Facilities



















Over 40 contractors to provide services in 6 categories: transport, catering, ticketing, licensed products, logistics, retail









Services relied on contractors





Entrance Service

Securities

Tour Guides



Maintenance Team- Players behind the curtain



Maintenance Team- Players behind the curtain





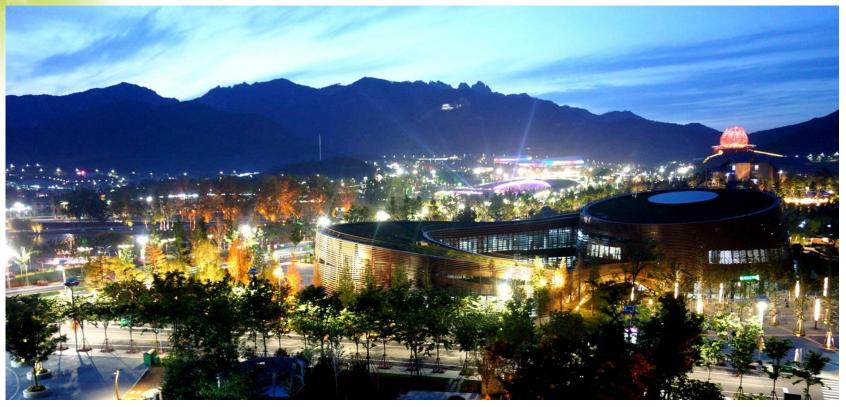
Night Opening





Night Opening





Night Opening







Contingency Plans









• Production Safety Construction Safety • Flood Prevention • Fire Control • Public Security • Tourist Security



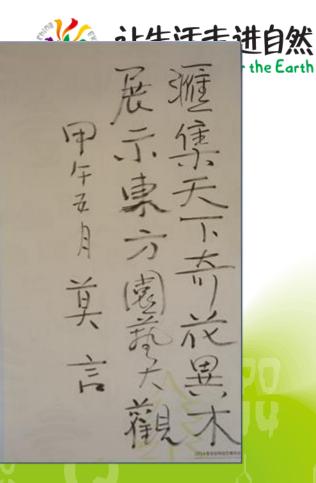




Wang Yang- Vice Prime Minister of China:

"The Expo is beyond my imagination. It is a festival for the citizens, where people can enjoy the blue sky and great environment."

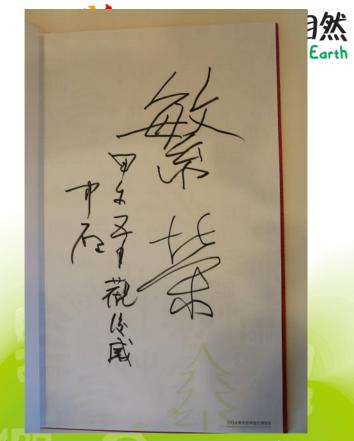




Mo Yan- Nobel Prize Winner in Literature in 2012:

"The Expo 2014 gathers exotic flowers and rare trees in the world and showcases the greatness of oriental horticulture!"





Ouyang Zhongshi- China renowned calligrapher wrote "繁荣"(Prosperity) after visiting the Expo.





"The viewing platform of Expo 2014 designed by Spanish designer includes many advanced technologies to reduce the energy consumption of the architecture with all kinds of recycled resources."

H.E. Mr. Manuel Valencia Ambassador of Spain to China





Mr. Norbert Egger, Former vice mayor of Mannheim, Germany Honorary citizen of Qingdao:

"As the coordinator of Mannheim Garden and the honorary citizen of Qingdao, I organized a huge delegation consist of 90 persons for the Mannheim Week of Expo 2014. I think this is a achievement of my long-time work to promote the friendship between Mannheim and Qingdao. It is an effort that should be made by the 'citizen' of Qingdao."

Spring, 2012

Summer, 2013

Autumn, 2013



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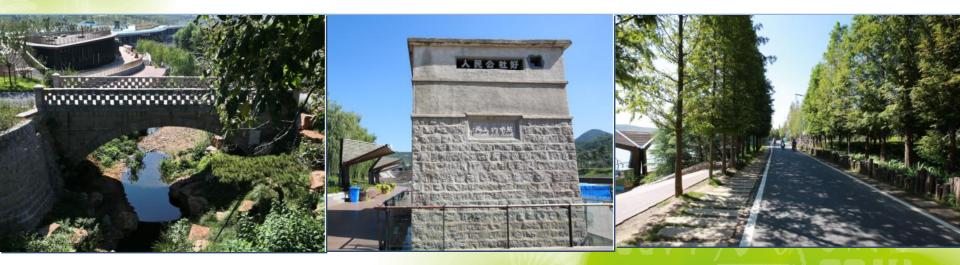
Spring, 2014

Summer, 2014





Reserve the history



Reserve the history



The Reception Center was renovated from a preliminary school in the area.





Memorial Wall of the Constructors



Right history, Write future



Expo Legacy: the Expo park will be reserved as a space for sustainable development for recreation.



Right history, Write future



Expo Legacy: the surrounding areas will be further developed to a livable place for residents.







Thank you !