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Implement Rio+20 Decisions; Demonstrate New Urbanization---

The Initiative of International Green Model City (IGMC)

践行里约+20决议，示范新型城镇化： 国际人居环境范例新城倡议



Global Forum on Human Settlements (GFHS)

20th June 2013 Berlin

TO BUILD UP SUSTAINABLE HUMAN
SETTLEMENTS AND TO PROMOTE THE UNHABITAT AGENDA

The launch of IGMC initiative

The International Green Model City (IGMC), a low-carbon city (town) pilot project with high jumping-off point, was launched by GFHS at the headquarters of the United Nations in April 2011 under the substantial support of the United Nations. It mainly features in combining low-carbon city building with green economy and culture. It will duly serve as a model to motivate forward-looking governments, enterprises and social forces to work together to explore new urbanization and promote global low-carbon city development and in due time it will support the UN Agenda in response to Urbanization and climate change.



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Contribute to Rio+20 Summit, Achieve the Future We Want

On June 18, in the course of the United Nations Sustainable Development Conference, Mr. Lu Haifeng shared the latest outcome of IGMC, which has been highly spoken of by ambassador Sha Zukang, the SG of Rio+20 and USG of the UN, and presented representatives and professionals from around the global.

GFHS has made its commitment to the United Nations Sustainable Development Conference by successfully registering the IGMC in the UN Secretariat . UN Website: <http://sustainabledevelopment.un.org/index.php?page=view&nr=1024&type=1006&menu=809> GFHS will motivate governments, enterprises, financial institutions and social forces to work together to build IGMC low-carbon pilot project and take real actions to tackle the climate change.



I. OBJECTIVES OF IGMC

International Green Model City ——

- ◎ the positive action of mitigating climate change and promoting low carbon city building
- ◎ new exploration of sustainable city and new urbanization, Combining green economy and culture
- ◎ A harmonious and livable green city with incorporation of low-carbon ideas and technology
- ◎ A powerful engine to rapidly propel green economy
- ◎ A pioneer to lead sustainable recreation industry
- ◎ A platform to carry on the culture of human settlements
- ◎ A smart city and more happy home

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International Green Model City

A Best Practice of Low-Carbon Cities, Integrating Green Economy, Leisure, Culture and Residence in One System

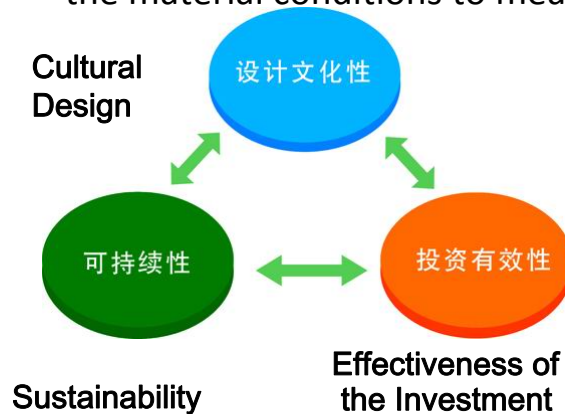
12 IGMC PRINCIPLES



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III IGMCC STRATEGIES

1. Adhering to the principle of People-Oriented, comprehensive integration of green low carbon planning and technologies, trying to be zero carbon, zero waste, realizing sustainability, harmonizing the low carbon, environmental protection and convenience and comfort;
2. The Effective Integration of Sustainability, Design Culture, and Effectiveness of the Investment, to realize the good social benefit, environment benefit and economic benefit for the project;
3. We will integrally plan the relations between man and man, man and nature, industry and life, material and spirit, city and countryside, etc., making the project harmonious home of healthy eco-system, vibrant culture, attractive lifestyle, stable industry and spiritual riches;
4. To reflect the quality and individuality of its residents in sustainable urban design, not just with the material conditions to measure;



III IGMC STRATEGIES

5. People-oriented, the implementation of democratic management, inclusive of fairness and tolerance, and constantly improve people's quality of life, continuously make residents feel sense of happiness and success;
6. Advocate for the recognition and practice low-carbon lifestyle, to create environment-friendly community together.
7. The project is successor and protector of the cultural heritage, it will not separated itself from the traditions of the past, it will enrich its modernity through cultural diversity and creativity;
8. It is a city never far from the rural roots and always combined with the rural life value in the rapid development process of metropolis;
9. Take the initiative to introduce the United Nations Global Compact on human rights, environment, anti-corruption in the ten principles to guide the development process, to practice social responsibility, to emphasize on both economic and social benefits;

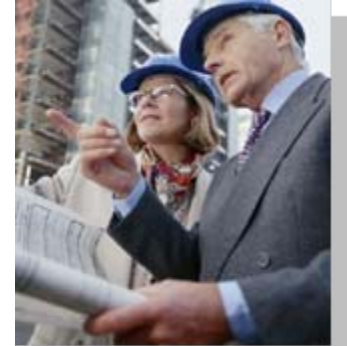


III IGMC STRATEGIES

10. Implement the Three General Expertise System: i.e., inviting renowned domestic and overseas experts to be the general planner, general engineer, and general cultural expert. Make sure that they have the independent right to speak, and that the project will have high quality standards for technology and cultural taste;

11. Establish and adopt green procurement catalogue system, only suppliers and service providers who meet the minimum standards of low carbon and environmental protection, and make commitments to implement the upgrading plan will be qualified to participate in the project;

12. Adopt measures suiting local conditions; be practical and realistic; analyze specific issues; the IGMC principles, concepts and standards need be integrated into the local social economy, environment and market condition, avoiding the mechanical application and environmental inadaptability.



III IGMC STRATEGIES

13. Carry forward both domestic and overseas advanced experience, ideas, culture and technology, be brave at innovation, especially innovate at concept, technology and management.

14. Attach equal attention to both hardware and software in the design and building process. While doing the planning, a method of ego-integrity and partner-participation is adopted, introduce domestic and oversea high-end resources and the state-of-the-art types of operation and brand, and ensure the project to be cutting edge and sustainable;

15. Make progress while ensuring stability and authenticate strictly. Pay attention to quality not quantity, be strict on the initial authentication, process monitoring and final assessment, strictly implement standard specification.



IV GUIYANG WORKSHOP ON IGMC STANDARDS



14 Nov.2011 Guiyang China

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International Green Model City

A Best Practice of Low-Carbon Cities, Integrating Green Economy, Leisure, Culture and Residence in One System



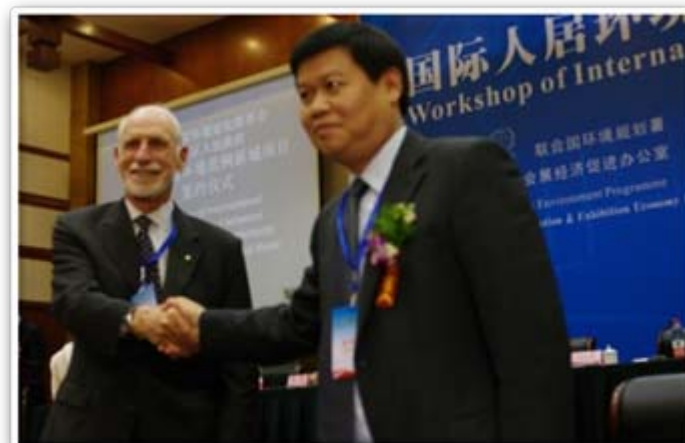
Arab Hoballah from UNEP address the workshop



Lu haifeng from GFHS address the workshop



Ma Changqing, Guiyang Vice mayor address the workshop



Signing Ceremony of the Settlement of IGMC in Guiyang

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IV GUIYANG WORKSHOP ON STANDARDS



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V IGMC STANDARDS STRUCTURE

It took some 50 experts two years to formulate the IGMC Standards. The English version consists of about 150 pages, and its formation is as follows:

Preface

Introduction and Background

The IGMC Vision

Key IGMC Principle (1-12) :

Aims

Definition

Points

Indicators

Strategies

Requirements/Measures

Rating System

Appendix

V RATING SYSTEM IN IGMC STANDARDS

Total IGMC points is 300:

Zero Net Carbon 25

Zero Waste 20

Sustainable Environment 35

Green Planning + Design 30

Green Transportation and Linkages 30

Green Infrastructure 30

Green Building 30

Green Economy 25

Green Living 20

Harmonious Society 20

Sustainable Culture and Heritage 20

Smart Community 15

V RATING SYSTEM IN IGMC STANDARDS

260 Points: IGMC Best Practice

230 Points: IGMC Good Practice

200 Points: IGMC Standard Practice

Achievement of individual plans, actions and programs allows pilot IGMC projects to score points through the IGMC accredited certification process. Total points allow pilot IGMC communities to obtain IGMC status as above:

VI PRINCIPLE OF GREEN MOBILITY IN IGMC STANDARDS

Green Transportation/ Linkage refers to means of transportation and transit systems that have a low overall environmental impact and include public transit, advanced low or no carbon transportation, walking and bicycling and car sharing. Green Transportation enables efficient, people-oriented and environmentally-friendly mobility through coordination with Green Planning and Design, Green Infrastructure and Net Zero Energy planning. Green Transportation provides high-quality traffic systems, advocating public transit use priority, promoting traffic calming and Net Zero Carbon transportation modes (including cycling and walking), and utilizing new energy vehicles to create a "smooth, safe, clean mobility experience and impact."



VI INDICATORS OF Green Transportation and Linkages

Points of green transportation and Linkages is **30**, higher than average (25) ,
several important indicators are as below :

The internal connectivity is at least 60 intersections per square kilometer. ***10**

% of people using public transit = 50% or more **5**

% of people using public transit, bicycling or walking = 80% or more **5**

Average commute time less than 30 minutes **5**

% alternative fuel public sector vehicles = 100% **3**

Congestion pricing/ traffic demand management system enacted **2**

VI STRATEGIES AND MEASURES OF GREEN MOBILITY IN IGMC STANDARDS

1. Institutionalize public transport priority ;
2. Walking and bicycling must have priority over personal cars ;
3. Transit-Oriented Development (TOD) is the primary development mode ;
4. Design and build Street Network with suitable density;
5. Strategic bus and transit system planning, management and technology ;
6. Vigorously promote bicycle traffic and bicycle amenities ;
7. Promote carpooling and car-sharing through incentives and technology ;
8. Provide subsidies and incentives for low or zero emission vehicles ;
9. Implement congestion pricing ;
10. Establish flexible working hours; stagger hours by government, industry ;
11. Create car-reduced IGMC pilot project surface area ;

VII IGMC Goals in China (10 Pilots)



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VIII GUIYANG IGMC: CONCEPT PLANNING

Green
Economy
Low-carbon
Community
Business &
Leisure
Happy Living



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VIII GUIYANG IGMC : DESCRIPTION

The objective of Guiyang IGMC is a **best practice for sustainable low carbon city characterized by Green Economy, resort and residence.**

I. Basic Information

Guiyang International Green Model City

Total Land Coverage: c. 337 ha. (5,000 mu)

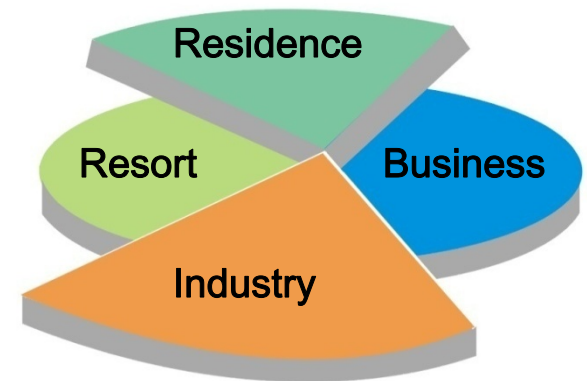
Total Building Area: c. 4,500,000sq. m.

Resident Population: c.30, 000~50,000

Total Investment: c. RMB10 billion

2.Comprehensive Benefits: When it is accomplished, the annual turnover is about 5 billion yuan; tax payment 500 million yuan; it will attract tourists 2 million person-time per year; it will generate employment nearly 10,000 people; it will upgrade the low carbon ecological industry, improve human settlements.

3.Construction Phases: Phasing development, to be completed in 8 years



VIII GUIYANG IGMC : DESCRIPTION

4.The Six Blocks of the Project:

The project mainly consists six blocks: Conference/Training Block, Head Office /Business Block, Industry Block, Resort Block, Residential Block, and Supporting Facility Block.

The main contents include: International Conference Center, International Low Carbon City Institute, Hotel, Green Economy Headquarters Base, Ethnic Folk Creative Culture and Tourism Industrial Park, Microsoft Training and Research Park, Climate Theatre, Ecological Leisure Mall, Resort Facilities, Forest Park, Eco-residence, Apartment Building, Hospital, School, etc. (final details are subject to the physical planning process) .



IX IGMC in Taizhou: Introduction of Taizhou

Orientation - cultural city, ecological city, medical city

Taizhou, one of the central cities in the Yangtze River Delta, is located in central Jiangsu and north shore of the Yangtze River. It is the hometown of the former Chinese President Hu Jintao. It covers an area of 5797 square kilometers with a total population of 5.04 million. In 2011, the city's GDP is 240 billion yuan, and the fiscal revenue exceeded 60 billion yuan.

Taizhou is a cultural city with long history, and endowed with advantages in transportation. It is possessed with unique industrial base and harmonious livable environment. IGMC has been settled in the area of Taizhou Railway Station.



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IX:
The red
line area
of Taizhou
IGMC pilot
project

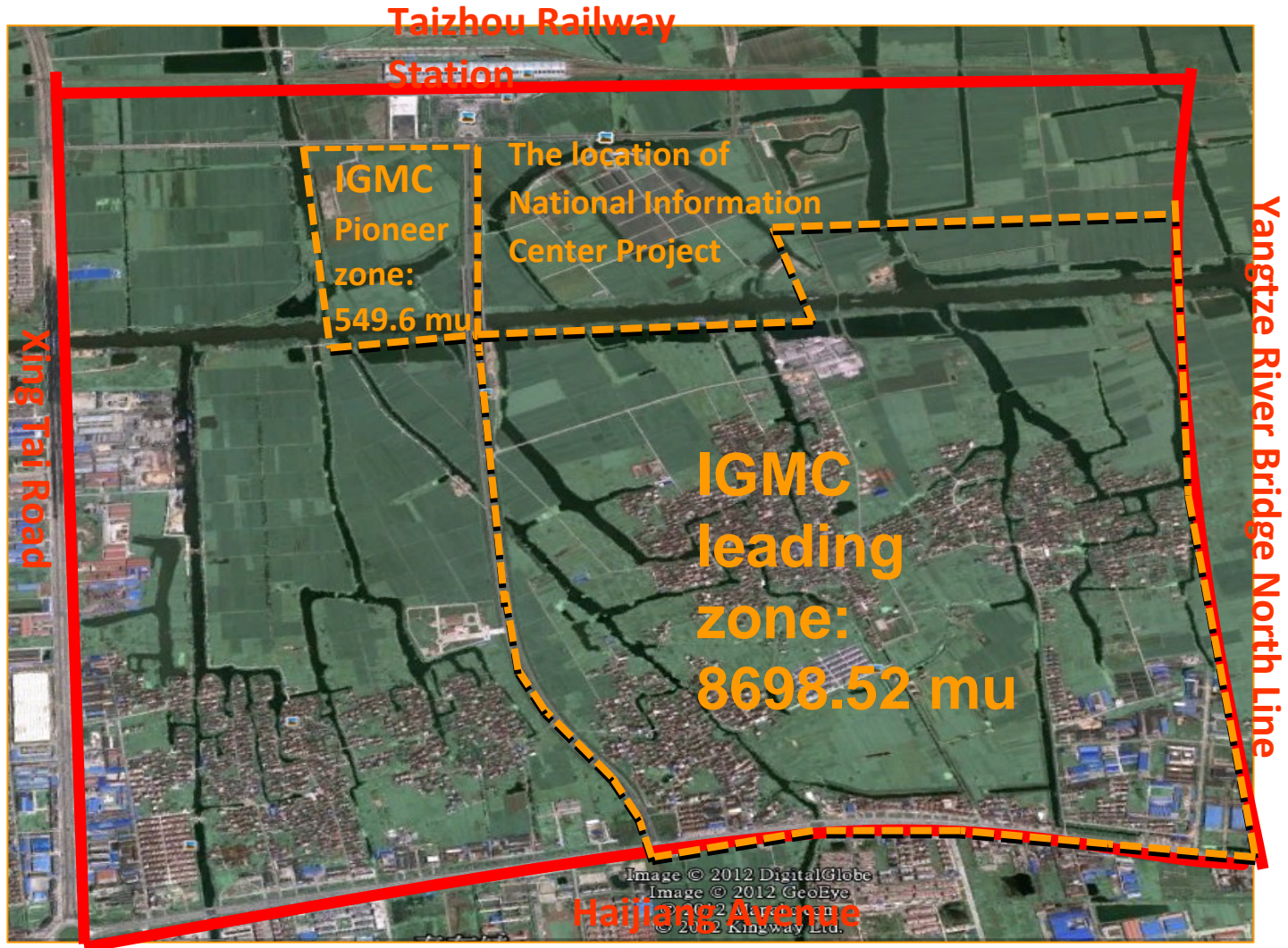


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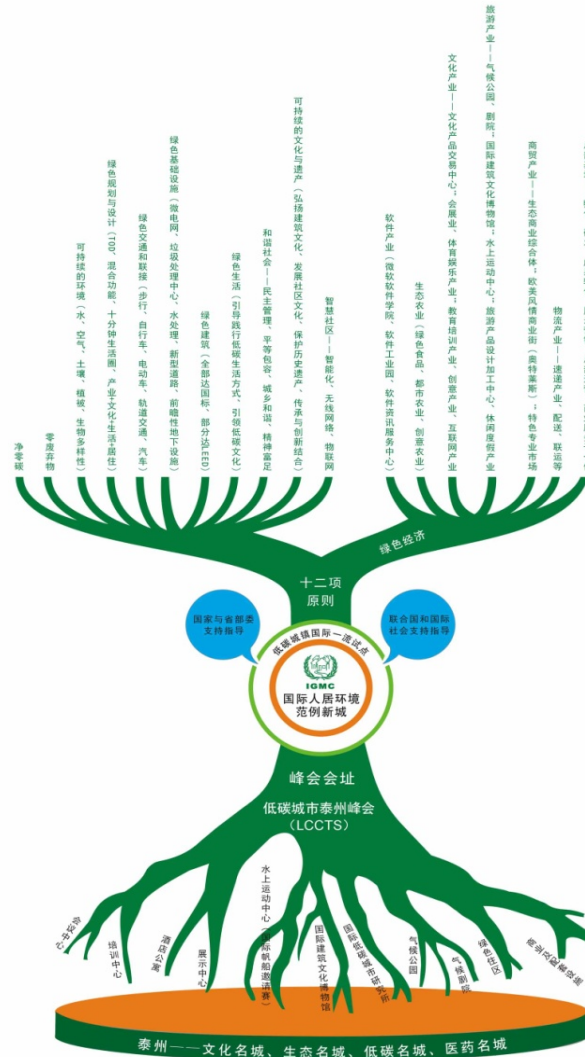
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IX:
Aerial
View



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IX: Taizhou IGMC Content Plan



Low-carbon City Summit (Taizhou) Venue, five-star hotels, climate theaters, International Architectural Heritage Museum, the headquarters of green economy, business clubs, ecological settlements, apartments, leisure facilities, facilities for the aged, supporting commercial, cultural, educational, medical facilities, etc.

We are grateful to UNEP, UNDESA and all the other organizations and individuals for their unshaken support.

Welcome to join us!