



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城



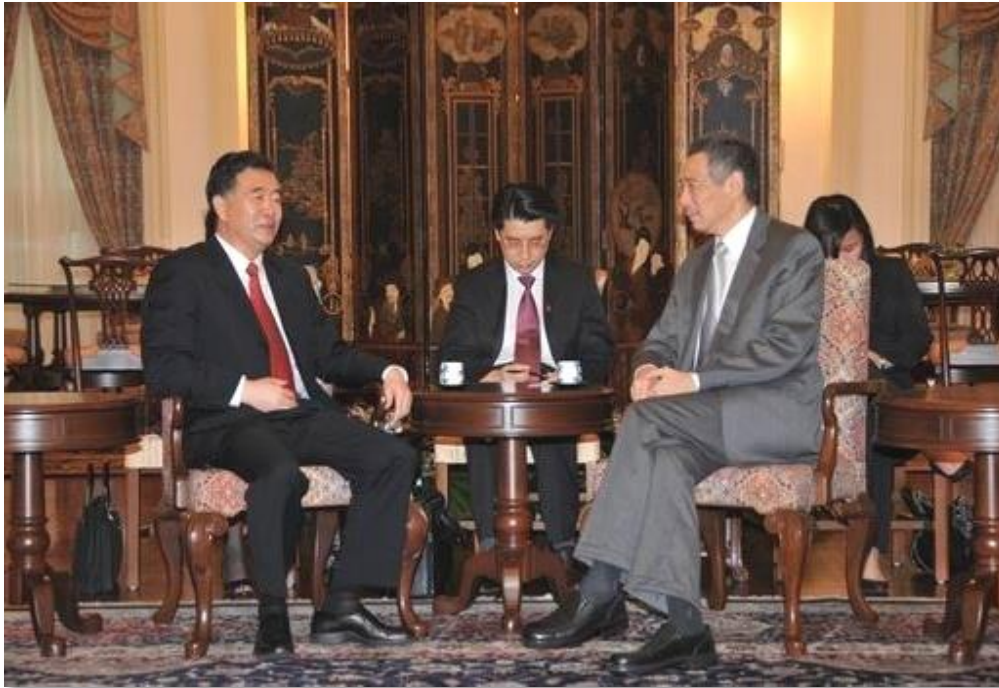
Sino-Singapore Guangzhou Knowledge City – Developing a CITY of the FUTURE

May 2016



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

How Guangzhou Knowledge City Started:



Guangdong Party Secretary Wang Yang led a 400 member delegation to Singapore in Sep'08

“...Guangdong now would like to leverage on the successful experience of Singapore, and integrate it with the actual conditions in Guangdong, thereby forging a way that is suitable for Guangdong, so that it can become a modern city like Singapore”

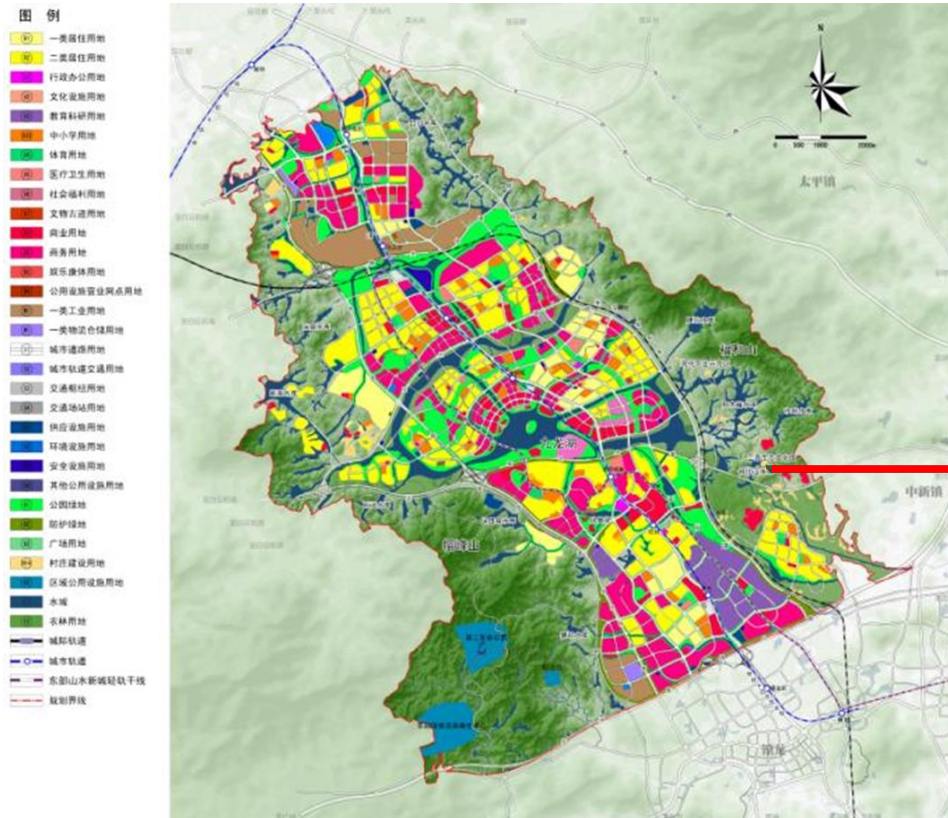
Then PS Wang Yang Lianhe Zaobao

1 Sep 2008



SSGKC - Master Plan

- Core development of the Guangzhou Eastern Scenic New City
- Total land area of **123 km²**
- Developable area of **60 km²**
- Planned population is **500,000**



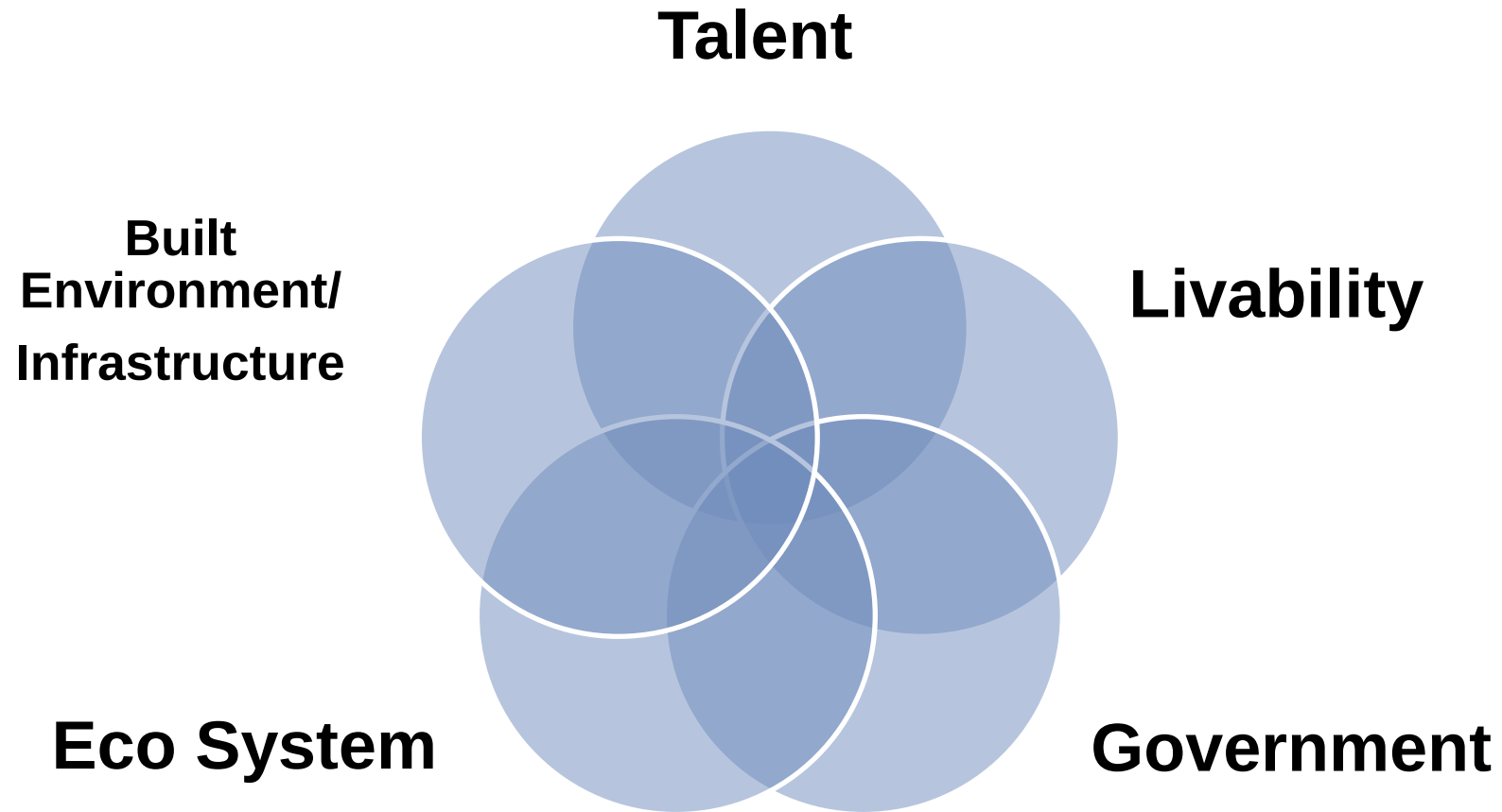
SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

SSGKC - Vision and Concept

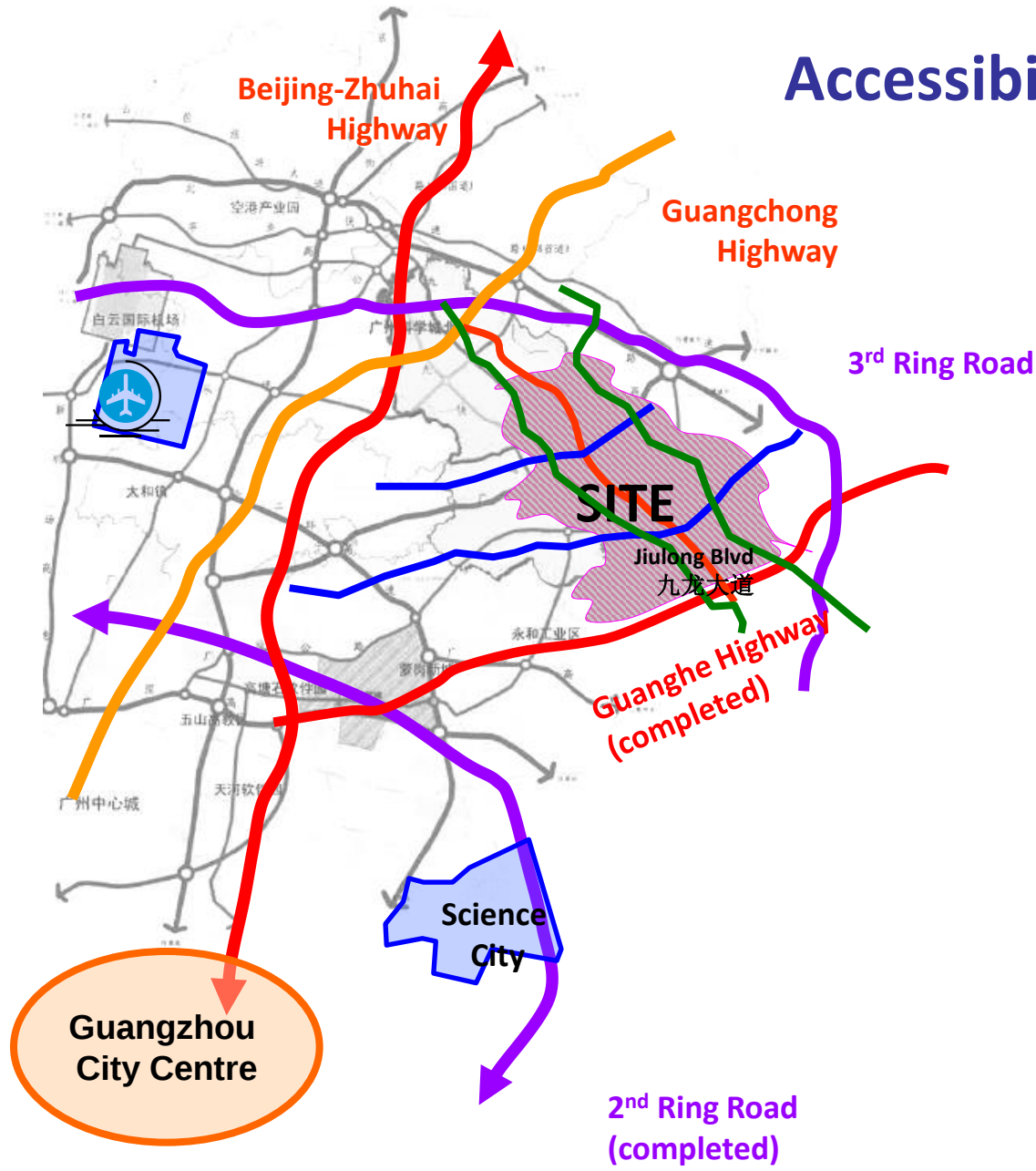
- A unique and distinctive city well-known in China and globally for its **dynamic economy and environmentally friendly living environment**
- A vibrant community where people **“live, work, learn and play”** in harmony
- Where **talent and enterprise converge** to create new innovations, ventures, high value products and services for the world



Key Elements of a Sustainable City



Infrastructure:



Accessibility: *Roads & Expressways*

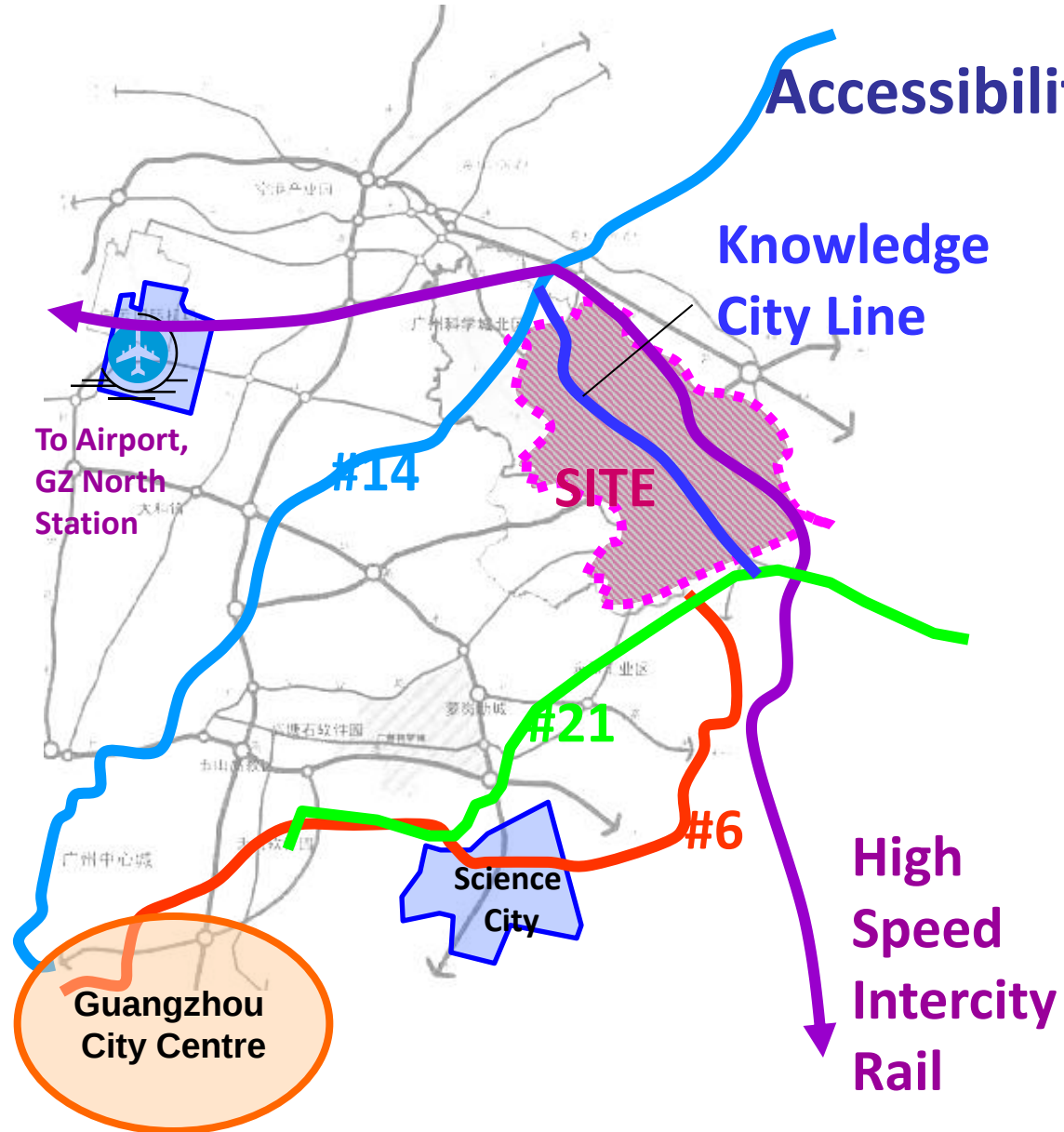
- Located between 2nd and 3rd Ring Road
- Accessible via Guanghe Highway

- Inter-City Highways
- City Ring Roads
- GZ Expressways



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Infrastructure:



Accessibility: *Rail & Metro*

180km/h High Speed Intercity Rail

- 15 min to Baiyun International Airport
- 45 min to Shenzhen
- 1 hr to Hong Kong

Metro System

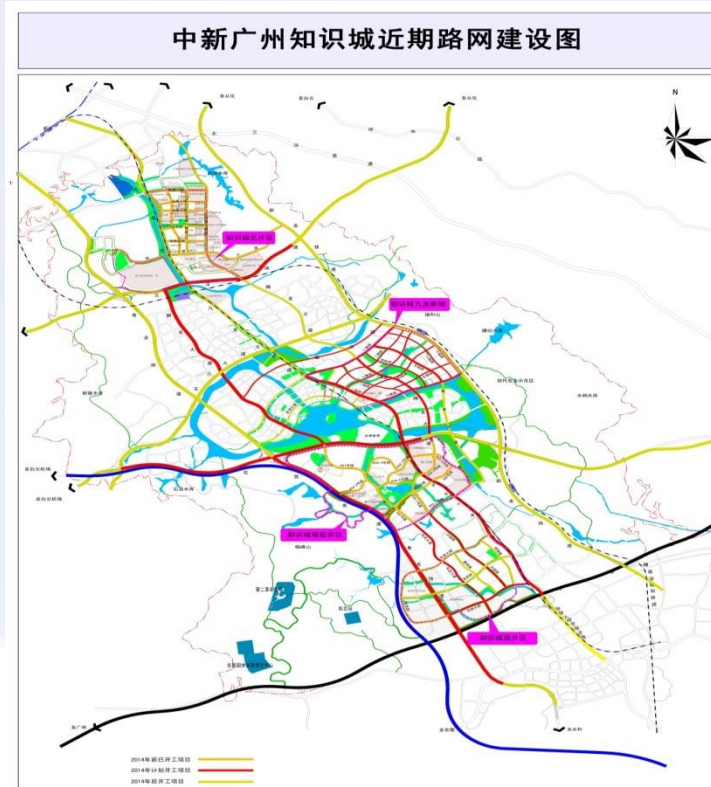
- Extension of Line 14 from the city centre, including dedicated Knowledge City Line
- Extension of Lines 6 and 21



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Infrastructure:

As at end 2015, a total of RMB 45.79 bil has been invested in the rail networks, resettlements, major expressways, common services tunnels, SMART & Eco City infrastructure works thereby laying down the foundation for future developments

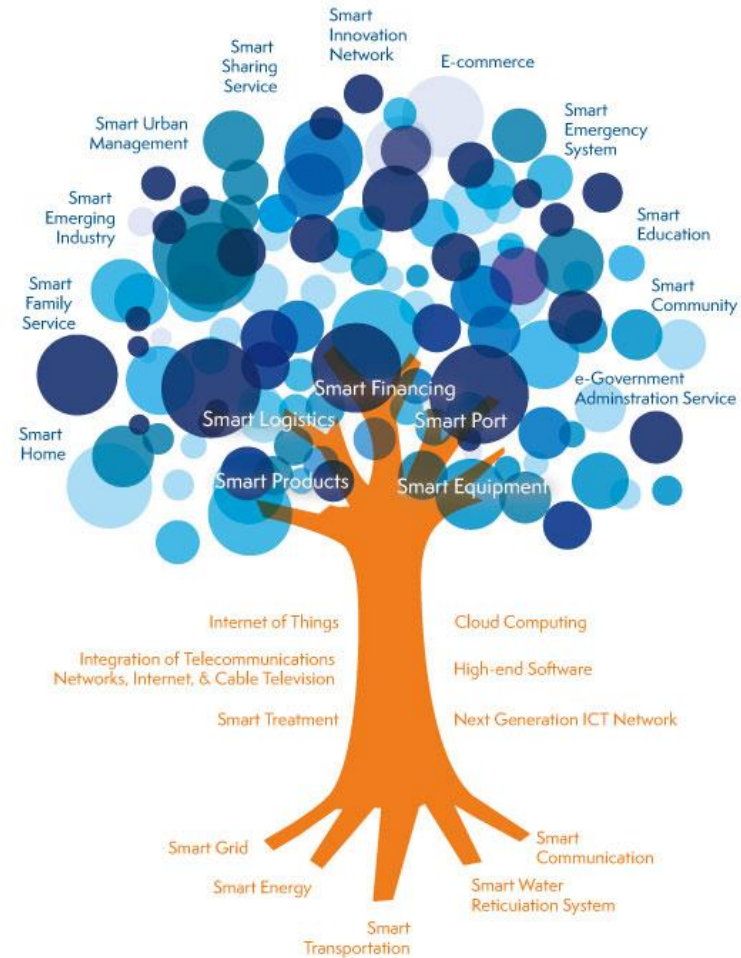


SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

- Smart City *Integrated Urban Management Systems*

Smart City Initiatives:

- First batch of State-level Smart City Pilot
- Smart City Master Plan by Singapore's IDA International
- EZ-Link – Lingnan Pass One Card
- Smart Homes - 3 Network Convergence
- e-Government, Smart School, Smart Healthcare



PHILIPS

iDA
SINGAPORE

ida international
A subsidiary of IDA Singapore



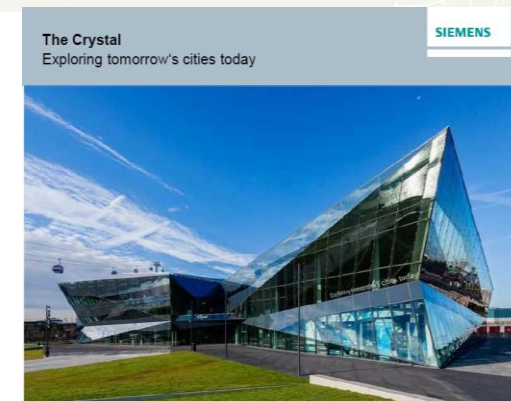
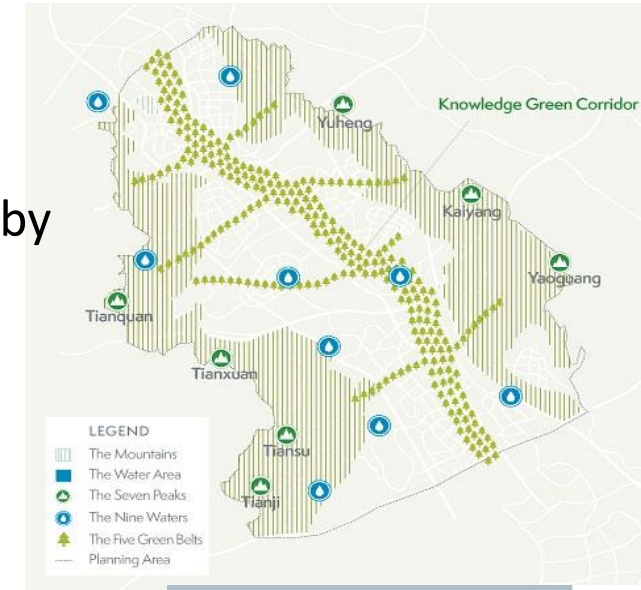
AGT INTERNATIONAL
SINGAPORE
APORE
KNOWLEDGE CITY

Infrastructure:

- **Eco City** *Integrating Urban Planning with Sustainability Solutions*

Eco City Initiatives

- **Eco City Master Plan**
- **‘Green Buildings/Districts Standards & Guidelines’** by Singapore’s Building and Construction Authority
- **Apply for SSGKC to be ‘State level Eco pilot city’**
- **Green Energy** – Solar Power, District Cooling
- **Green Utility Services:** Potable Water to every tap
- ✓ ***Smart Eco Technology Demo Centre***
 - Office cum exhibition centre;
 - Open platform for leading urban technology solutions



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Learning City - *Providing the foundation for a knowledge economy*

Learning City Initiatives

- Education Hub : Top-tier colleges and universities to conduct programs in GKC
 - Sino-Singapore International Joint Research Institute – NTU, SCUT
 - Peking University Science and Research Institute
 - Zhejiang University Southern China Research institute
 - Warwick University Collaboration
- Vocational Teachers' training, skills upgrading and learning: ITEES, Polys, etc
- Elementary Schools – Guangzhou No.2 Middle School, etc
- International Schools - HCI, Etonhouse Preschool, etc
- Lifelong learning – GKC Centre of Excellence for Software Transfer (CREST), Smart Libraries 'Learning for all, Learning for Life'

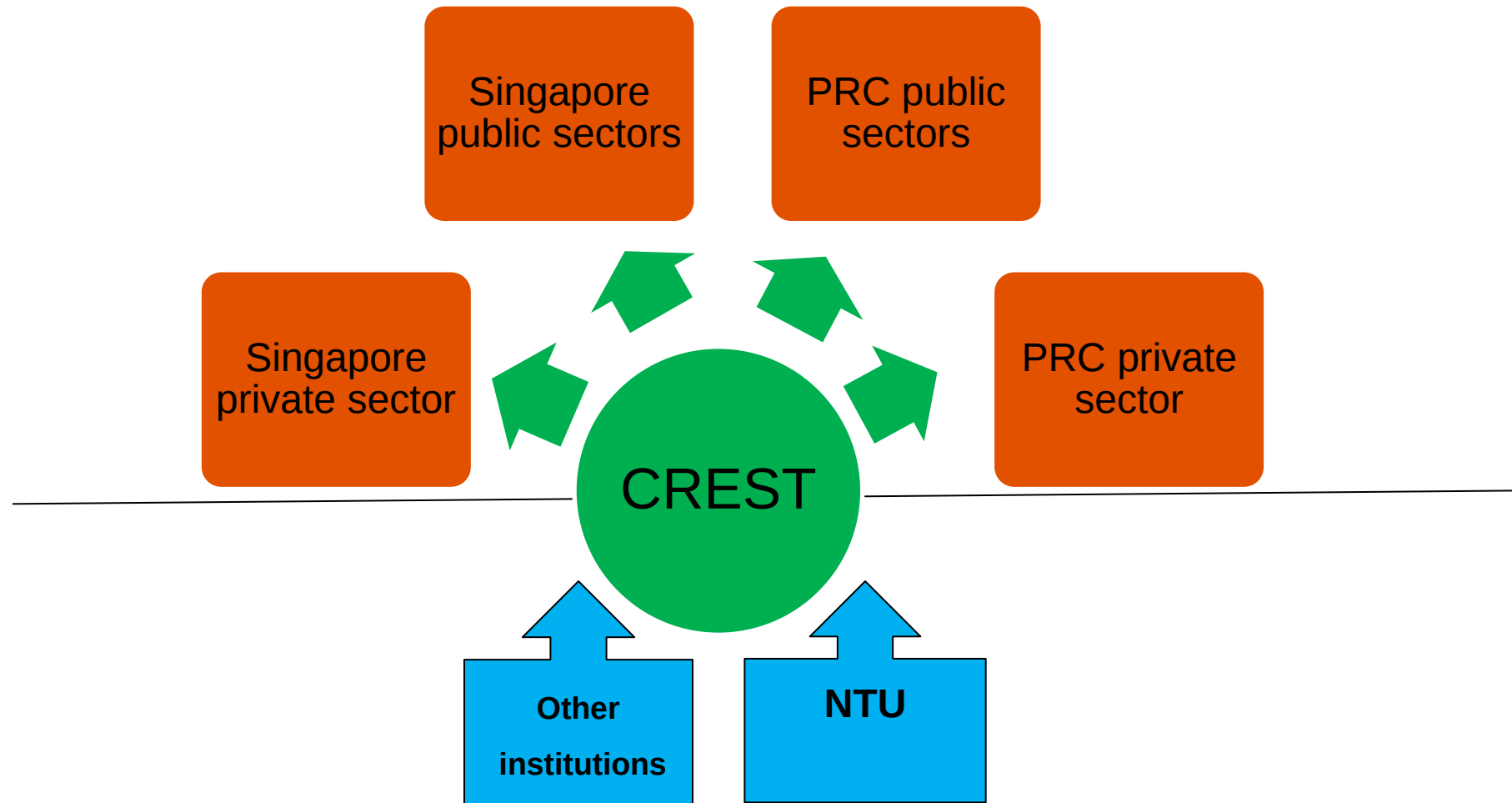


华南理工大学
South China University of Technology



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Talent: Centre of Excellence for Software Transfer (CREST)



Talent: Development Programs



Study Visit to Singapore



Sino-Singapore Knowledge Forum



Trainings



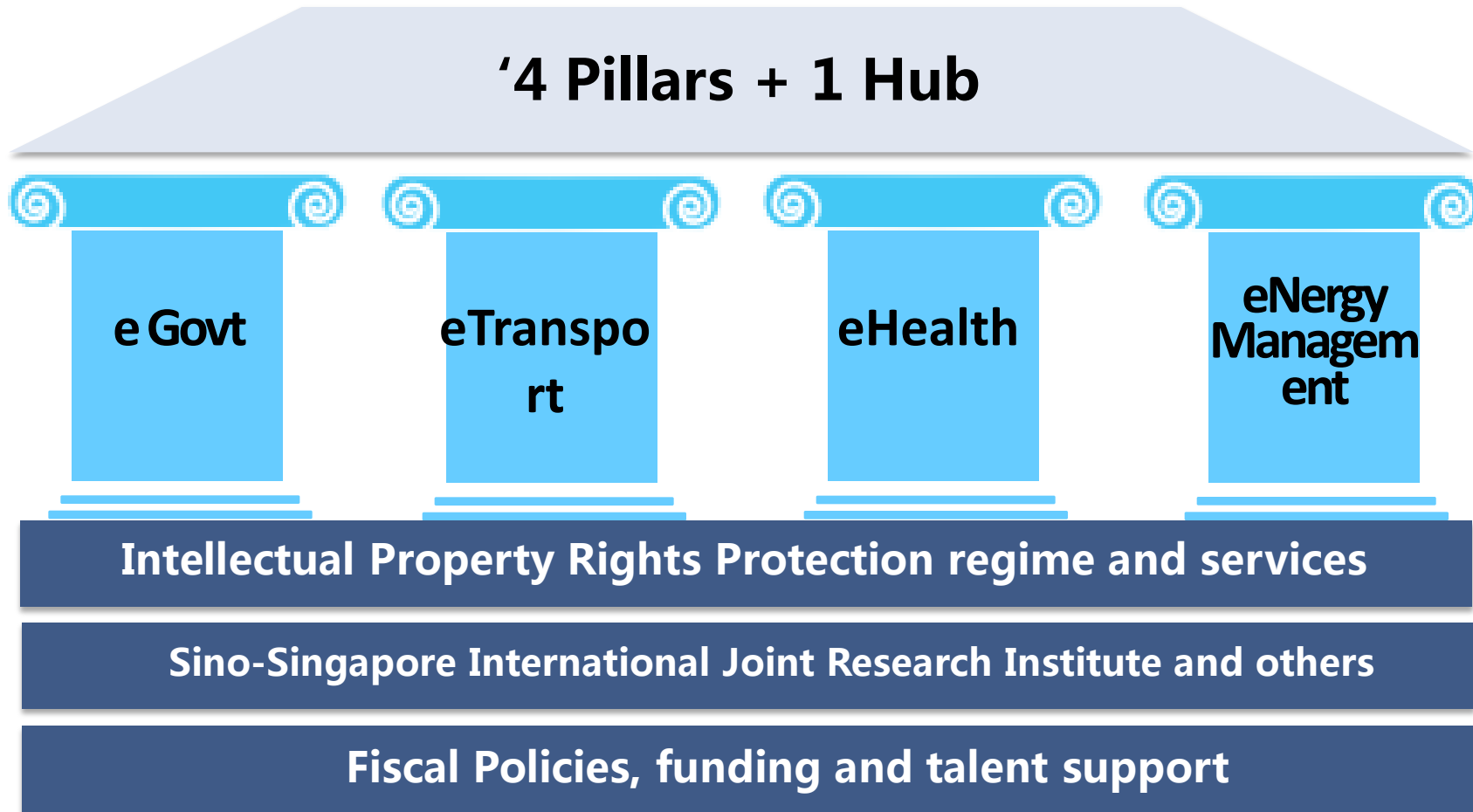
Seminar



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Eco-system:

An Eco-system for Industry Development



Eco-System

Learning – Innovation – Entrepreneurship



NUS
Enterprise



NANYANG
TECHNOLOGICAL
UNIVERSITY



JRI



- Start-ups and growth companies
- Innovation and tech community

- Investments
- Liveable environment
- Market access
- Work space

SSGKC Project



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Eco-system: Integrated Intellectual Property Hub

- Pilot Reform on Intellectual Property Rights Protection and IP applications.
- Leveraging the Patent Examination Cooperation Center of the Patent Office, SIPO, Guangdong, SSGKC will build an integrated IP protection and services zone focusing on IP trading, evaluation, pledge, information service, agency service, training and financing.
- **Guangzhou IP Court** set up in December 2014.
- Collaboration with IP Academy, IPOS International, SIAC, etc
- **IPOS Rep Office** at SSGKC
- **SSGKC as the pilot model site between IPOS and SIPO.**
- Services Hub for both local and foreign IP-related service agencies



Integrated Intellectual Property Hub Aerial View



Patent Examination Cooperation Center of the Patent Office, SIPO, Guangdong



SMART LOOP



Water Feature

**Centre of Excellence for
Software Transfer +
Smart/Eco Cluster**

**IP Court and IP
Services Cluster**

Water Feature

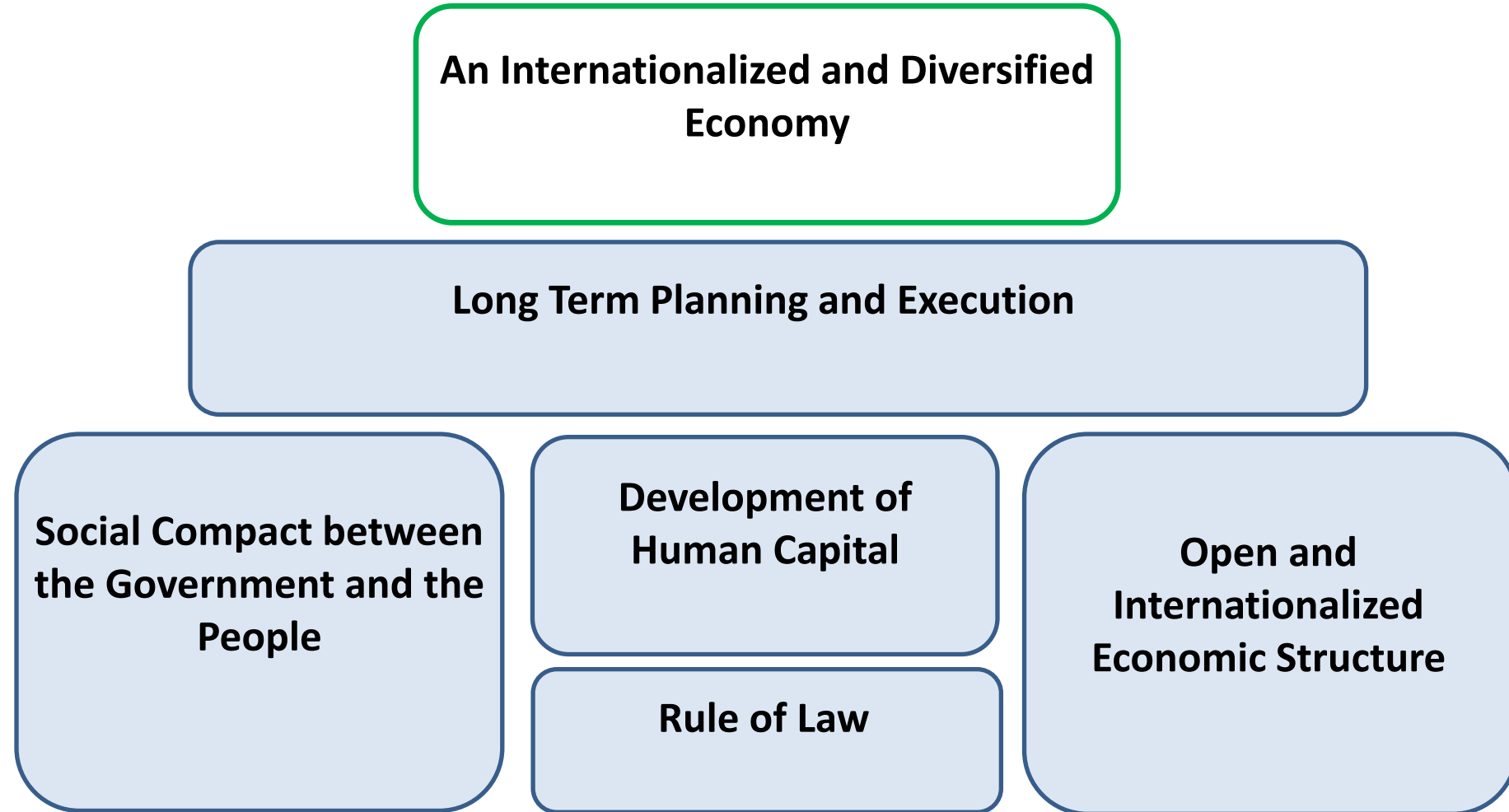
Health Cluster

**Sino-Singapore
International Joint
Research Institute
Cluster**

**Mega Neighbourhood
Centre**



Government:



Geographical Advantages



- SSGKC is strategically located within the *Guangzhou Eastern Scenic Region* – with best Air Quality in Guangzhou, quality Eco environment
- Centrally located, with accessible road and rail networks

Livability:

Place Management: Sharing Singapore's Experience through Software Platforms

- Annual Sino-Singapore Knowledge Forum
- Social Management Software Collaboration
- Integrated Family Services Centers
- Three-Year Talent Training Program
- Tripartite Management Software Collaboration
- Sino-Singapore Talent Development Alliance
- Sino-Singapore Youth Exchange Program between PA Youth Movement and GDD/Luogang Youth Federation



Livability:



Community Development Activity



Volunteer Activity





SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Strategic Collaboration



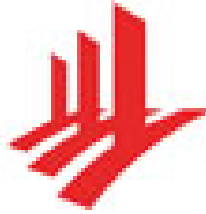
Strategic Collaboration



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Strategic Collaboration

Building and Construction



Authority



Cleantech
Group



Strategic Collaboration



Technische Universität München



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城



Software Collaboration



SSGKC Knowledge Forum



Talent Training Program

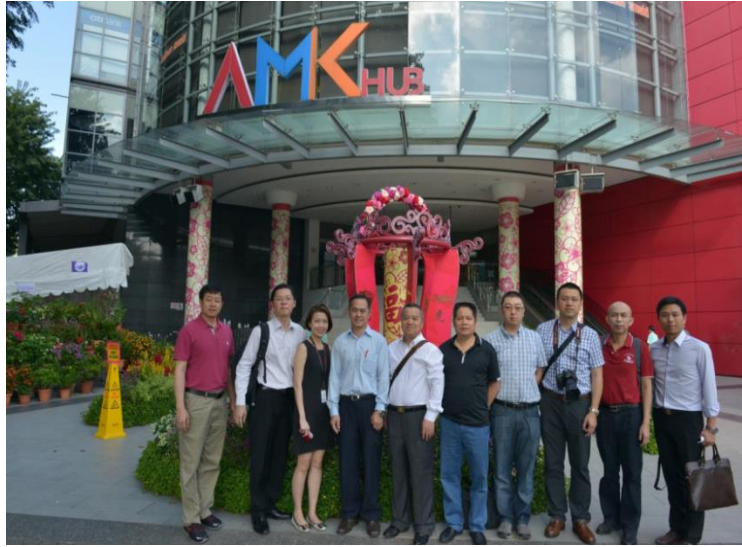


Sino-Singapore Youth Exchange Activity



Community Activity at Jiulong Town

Software Collaboration



Study visit to hawker center management in Singapore



Community Activity at Jiulong Town

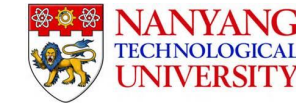


Training of SG Govt-Linked Co's Management Model



Seminar conducted for Guangzhou Committee for Social Affairs

Summary: SSGKC as a Sustainable City



RECRUITMENT
PROGRAM OF GLOBAL EXPERTS

SIEMENS



Agency for
Science, Technology
and Research

ZTE中兴

1		Talent	- Education : schools, institutions (HCI, NTU, SCUT, TUM) - Talent attraction policies ('1000 Talent Plan') - Talent Development/Upgrading platform - CREST
2		Liveability	- Commercial establishment (NCs), connectivity, parks - Convenience- banks, post office, convenient shops etc - Affordable housing price, conducive factors
3		Eco-System	- Research institutes, eg JRI - R&D Labs - Queen bee & upper/lower stream industries
4		Built Environment	- Infrastructure (1R3W) - Transport - Connectors
5		Government	- KCAC delegations - Industry related policies - Financial innovations

Source: BCG



GET 凯得控股



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城

Welcome to SSGKC



SINO-SINGAPORE
GUANGZHOU KNOWLEDGE CITY
中新广州知识城