



成就成就
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What Hong Kong & Hong Kong Science Park
Has to Offer for your Entry to China

Ken Hui

VP of Marketing and Admission

30 - Years Reform in China Started in 1978 From South – Special Economic Zone



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1980 – 1990 : Pearl River Delta
1990 – 2000 : Yangtze Delta
2000 – 2010 : Beijing-Tianjin –
Tangshan

30 years ago –
one of the poorest
Country

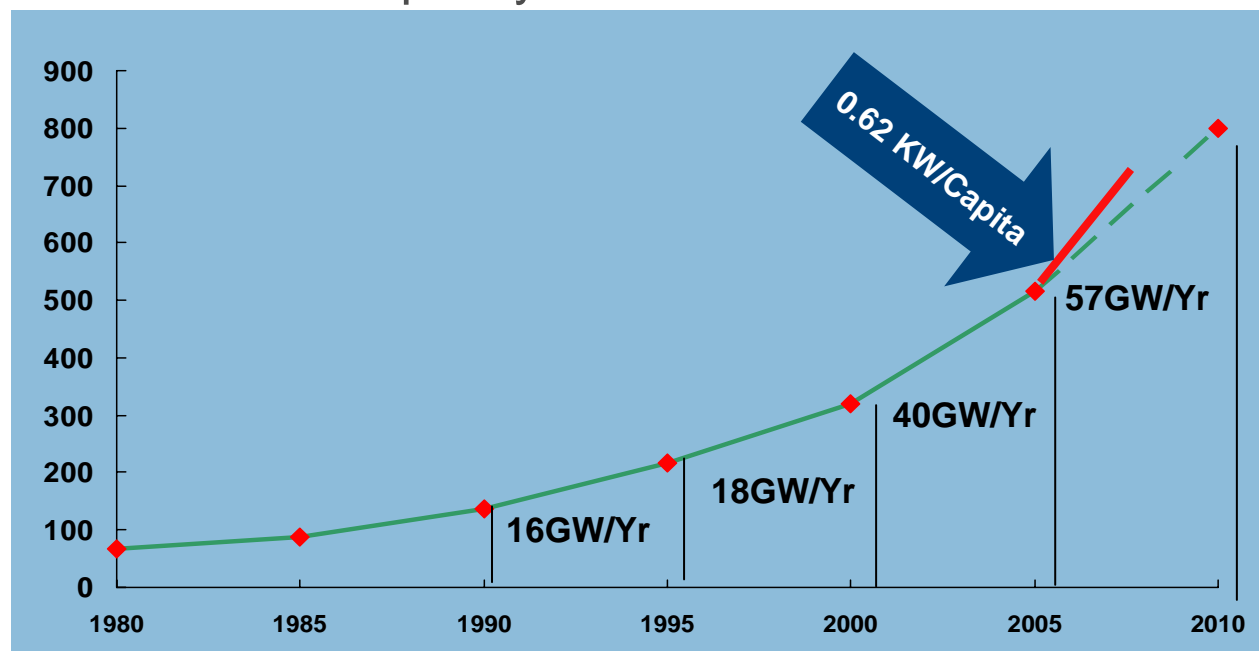
30 years ago –
No access to
Westerner

30 Years ago –
HK the only Gateway

In 20 years of
Urbanisation/
industrialisation –
400M people out of
poverty

Urbanization /Industrialization Annual Growth in Power Capacity= $\sim 60\text{GW}$

GW Installed Capacity



Electricity Consumption
China : $\sim 1010 \text{ KWh/Capita}$
Spain : $\sim 5200 \text{ KWh/Capita}$

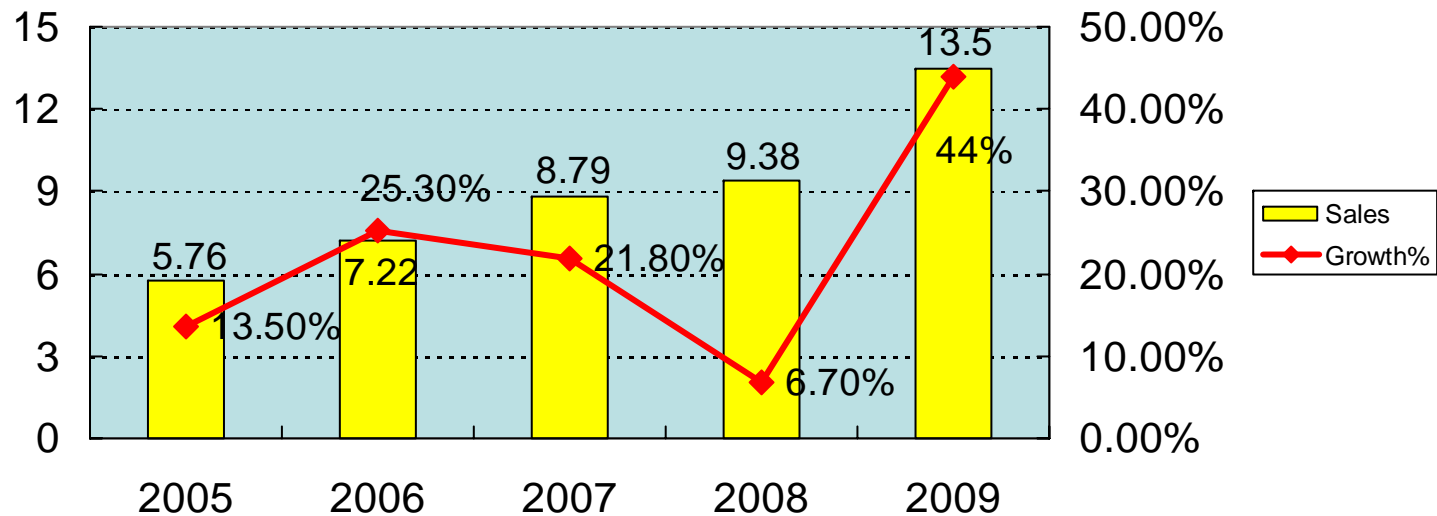
Installed Capacity
China : 665 GW (2007)
China : 0.62 KW/Cap
EU : 803 GW - 2007
EU : $\sim 1.7 \text{ KW/Cap}$

China 30-year Urbanization The Largest Automobile Market

- With High Growth Potential
- 150 Million licensed drivers (0.12/cap)
 - Car ownership < 0.1/cap (US:0.8/cap)



Domestic Car Sales



Source : China Passenger Car Association,
China Association of Automobile Manufacturers, China Daily 9 Jan 2010

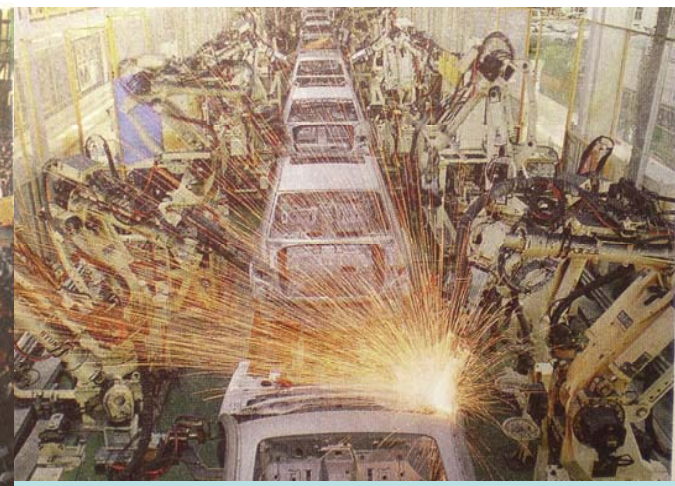


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Explosive Growth is on its way



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Enterprise & Consumer Electronics



Mobile TV



Wi-Fi PMP



IP STB



Multimedia over IP



H.264 AAC-HF



UPnP

Home Media Centre

H.264 HDTV
Compression

Dual-mode
Phone



Wi-Fi SIP
Phone

Communications

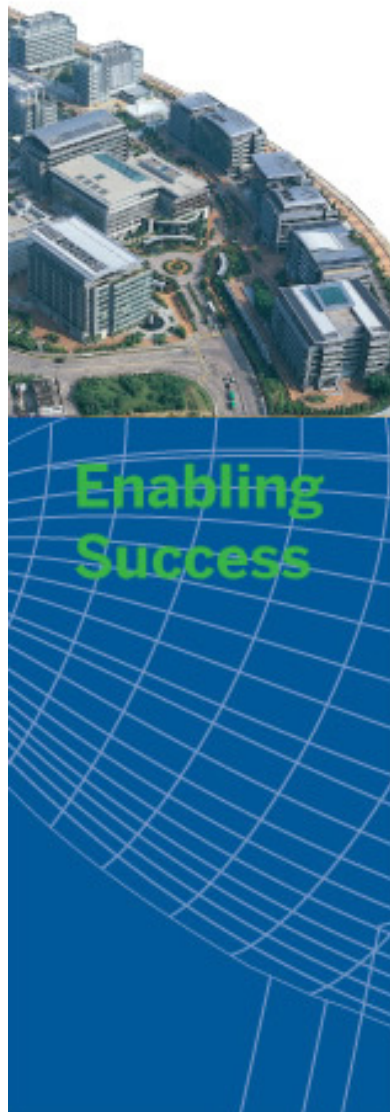
Pearl River Delta World Factory

➤ Deep Industry Clusters Growing Demand in the PRD

- Over 60,000 manufacturing firms are Hong Kong invested and managed, directly and indirectly employing 10 million workers in the PRD region.
- Striving for technology upgrading and quality design



Graphic courtesy
of Hong Kong
Trade Development Council





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Greater Pearl River Delta



	Greater Pearl River Delta	Switzerland
Land/KM ²	42,648	41,285
Population	53 million	~7.5 million (7 times)
GDP/Billion USD	472	~ 300

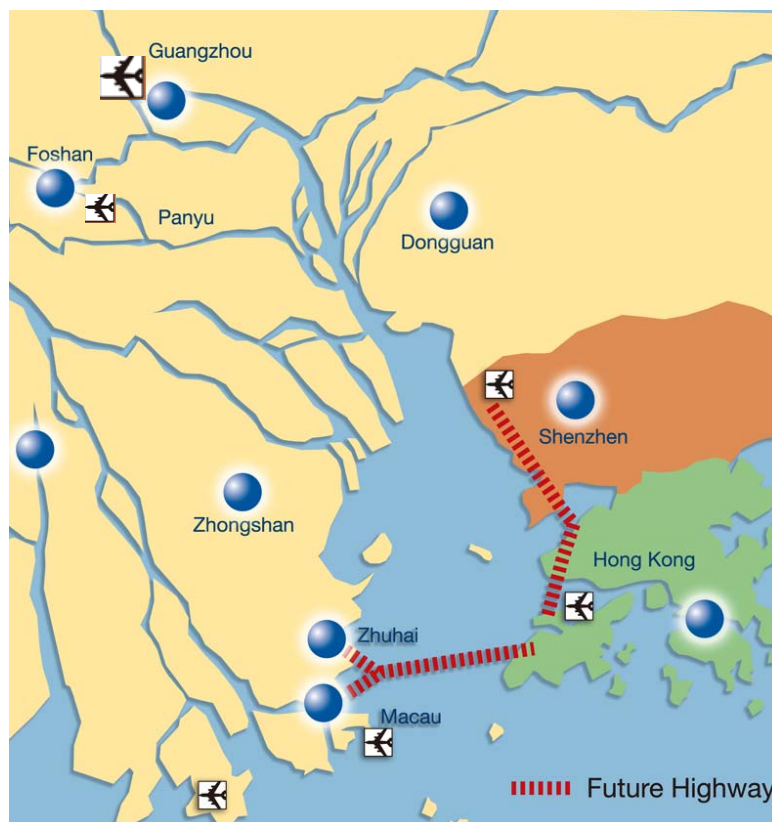
Greater Pearl River Delta – Growth Engineer of China

Greater PRD

- 53M Inhabitants
- 8+5 Universities
- 68 Colleges
- 6 Science Parks
- 3 International Airports
- 3 Regional Airports

HK-Shenzhen

- 15M Inhabitants
- 8+3 Universities
- 2 Science Parks
- 1 International Airport
- 1 Regional Airport



PRD– 10% China GDP, 30% Export, 3% Population
 – Electronics, computers, telecommunication, toys
 HK – Financial, Convention, transportation & Logistic
 Hubs



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Hong Kong - The Most Competitive City in China

Talents, government, infrastructure



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深圳

The Most Competitive City in China

2008 Rank	Integrated Competitiveness	Gov't Dept Competitiveness
1	Hong Kong	Beijing
2	Shenzhen	Hong Kong
3	Shanghai	Shanghai
4	Beijing	Shenzhen
5	Taipei	WeiHai
6	Guangzhou	Macau
7	Kaohsiung	QingDao
8	SuZhou	NanTong
9	HangZhou	NingBo
10	TianJin	HangZhou

港在各項競爭力項目的排名

項目	06年排名
人才	1
結構	1
區位 (地理)	1
政府管理	1
資本	3
基礎設施	3
科技競爭	5
環境	8
文化	8
開放	8
制度	11
企業管理	23

來源：《2007年中國城市競爭力藍皮書》



Asia's World City

Hong Kong Part of China but Outside Mainland China

- Strategically Located to World's Factory & World's Market
- World's Freest Economy, British Legal System Protect IP & Worth
- CEPA – Turn Hong Kong & Mainland – One Country One Market
- Access to World's Future Largest Market in 5 hours

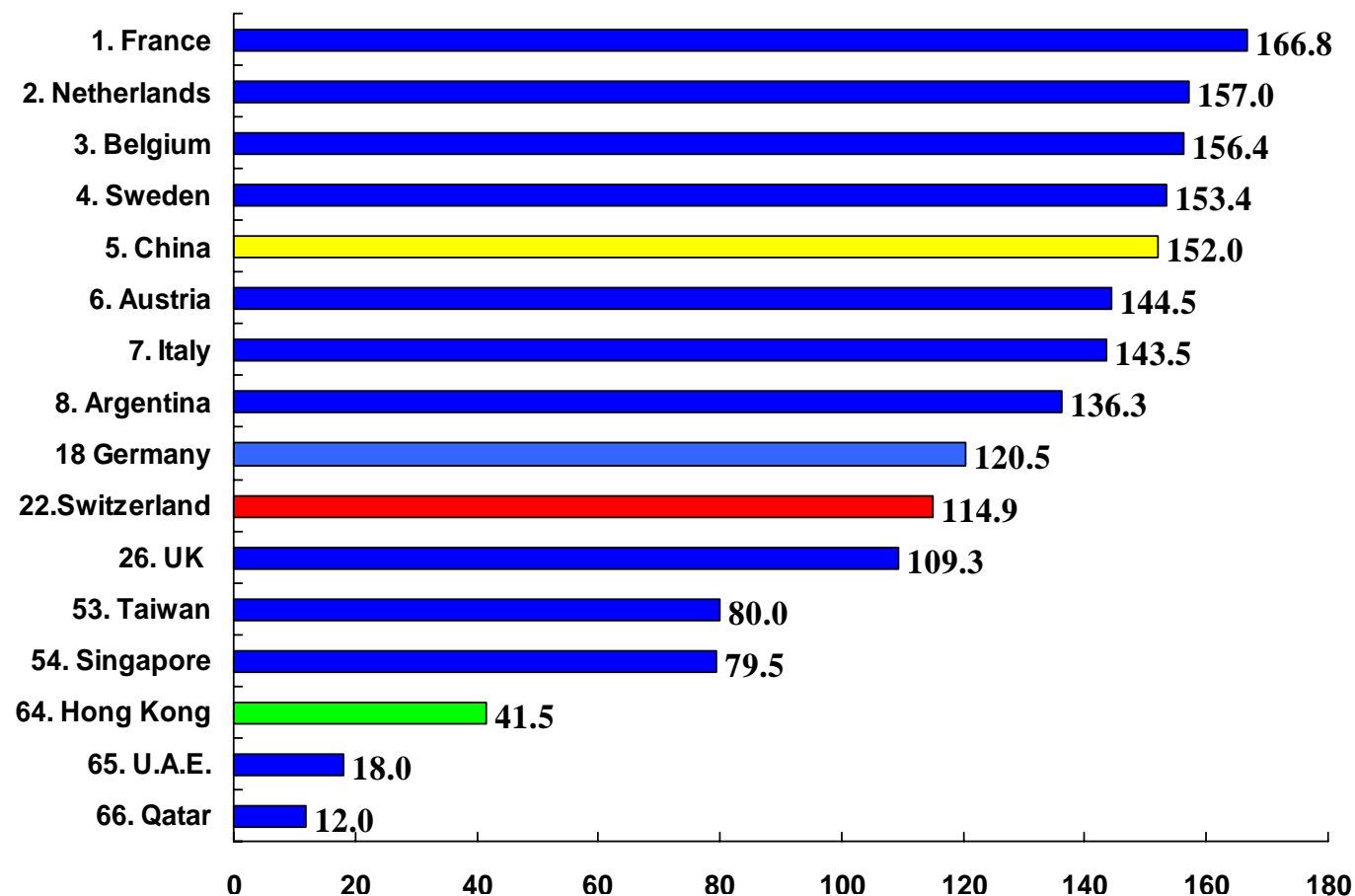


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Your guiding light to China

Tax Misery Index – Ranking*



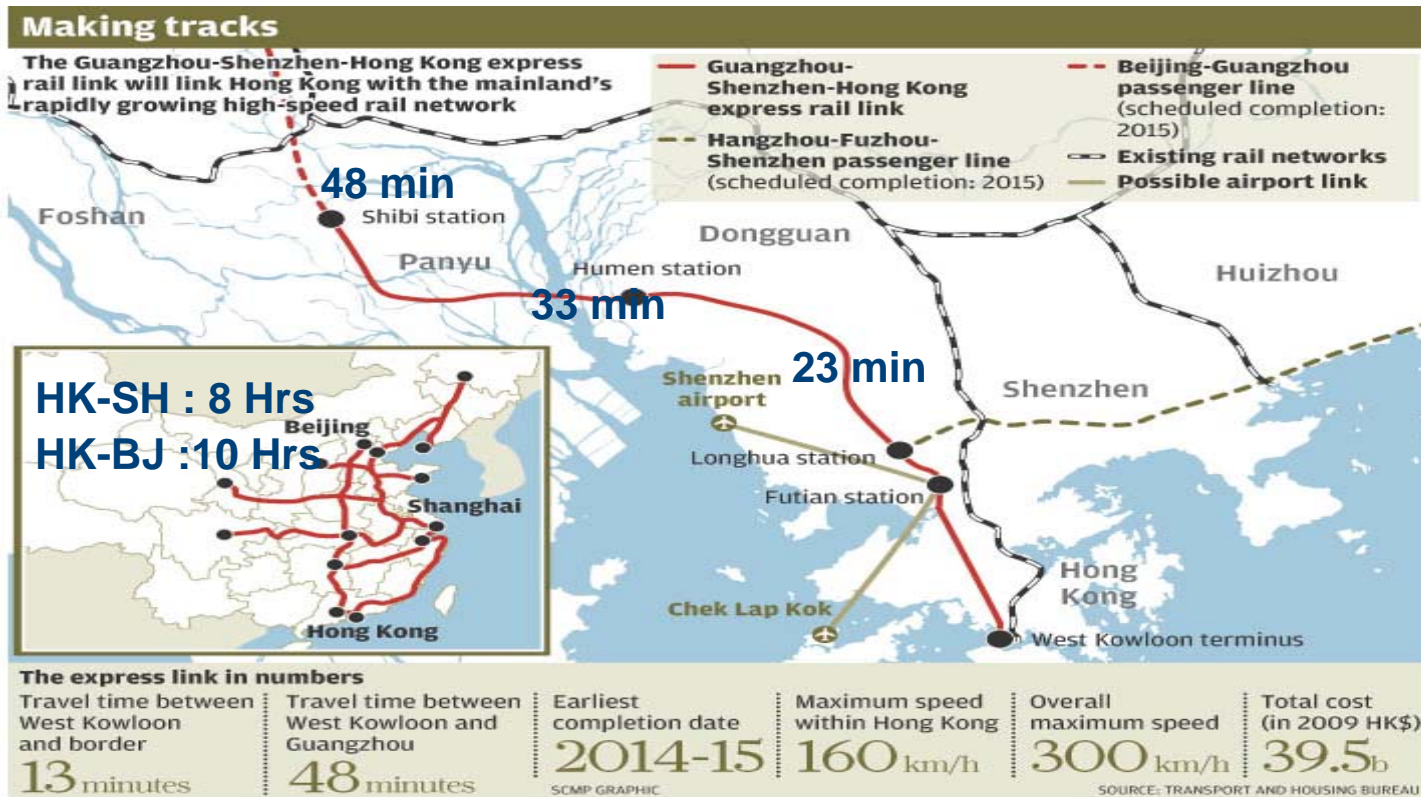
*Note

Misery Index Calculation adding the maximum tax rate of 6 taxes including corporate income tax, personal income tax, wealth tax, employee social security, employer social security, sales tax/VAT

Source : Frobe

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Hong Kong – Guangzhou High Speed Train



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Guangdong – Hong Kong Co-operation Framework Agreement

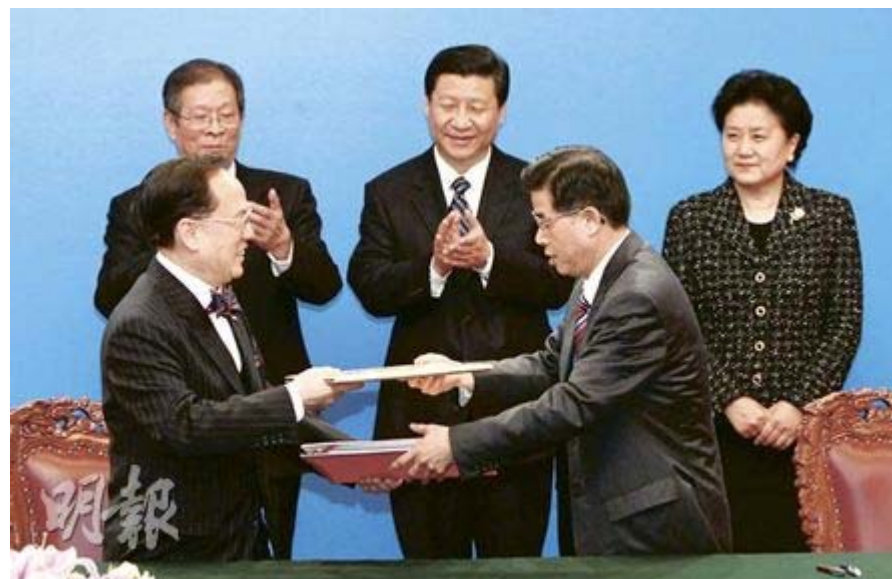
Integrate HK-Guangdong into One Economic Super Engine

3 International Hubs

1. Build HK as the leading regional financial Hub
2. Enhance HK as the international Air & Sea Transport Hub

7 Business-friendly initiatives

1. Financial Services
2. Medical Services
3. E-Business
4. Improvement of transportation
5. Custom Clearance
6. Manufacture & Innovation Technology – R&D partnership, R&D in HK, production in PRD, HK-Shenzhen Innovation Circle
7. Environmental Protection



Signing of Guangdong-Hong Kong Cooperation Framework Agreement on 7 Apr 2010

(Photo – Mingpao 8 Apr 2010)



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Hong Kong – Shenzhen Innovation Circle

Offer the Perfect Prospect for businesses to explore China's technology market



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Du Pont Global Photovoltaic R&D & Business Centre in Hong Kong Science Park Production in Shenzhen Guangming Park



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Asia's World City Home of Wal-Mart Regional HQ Global Procurement Centre in Shenzhen



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Reason to choose HK
Mr. Vincente Trius
President & CEO
Wal-Mart Asia





Intuitive Automata Ltd

Pioneering the commercial application of socially interactive robots for health care.

Founder & CEO :
Dr.Cory Kidd - MIT



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Introducing
automTM



Convenient Power

Wireless Charging for Mobile Devices

Based in Hong Kong and South China, the world's richest electronics and electrical design and manufacturing supply chain, ConvenientPower is the co-founding member of Wireless Power Consortium.

Technology from
City University of Hong Kong

Director & Co-Founder
Mr. Mike Mastroiannis



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RediSem

Fabless IC Start-up

Fabless semiconductor company that designs and supplies low-cost, energy-efficient power management ICs. RediSem's ICs reduce cost and improve efficiency for applications such as laptop and phone chargers, PC & LCD TV power supply units and energy-efficient lighting.



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*Mr. Russell Jacques
Director & Founder*



*Dr. Niek van der Duijn Schouten
- Director & Founder*



Redisem at HKSTP

RediSem's current IC-development operations are run by an expert team based at the Hong Kong Science & Technology Park.

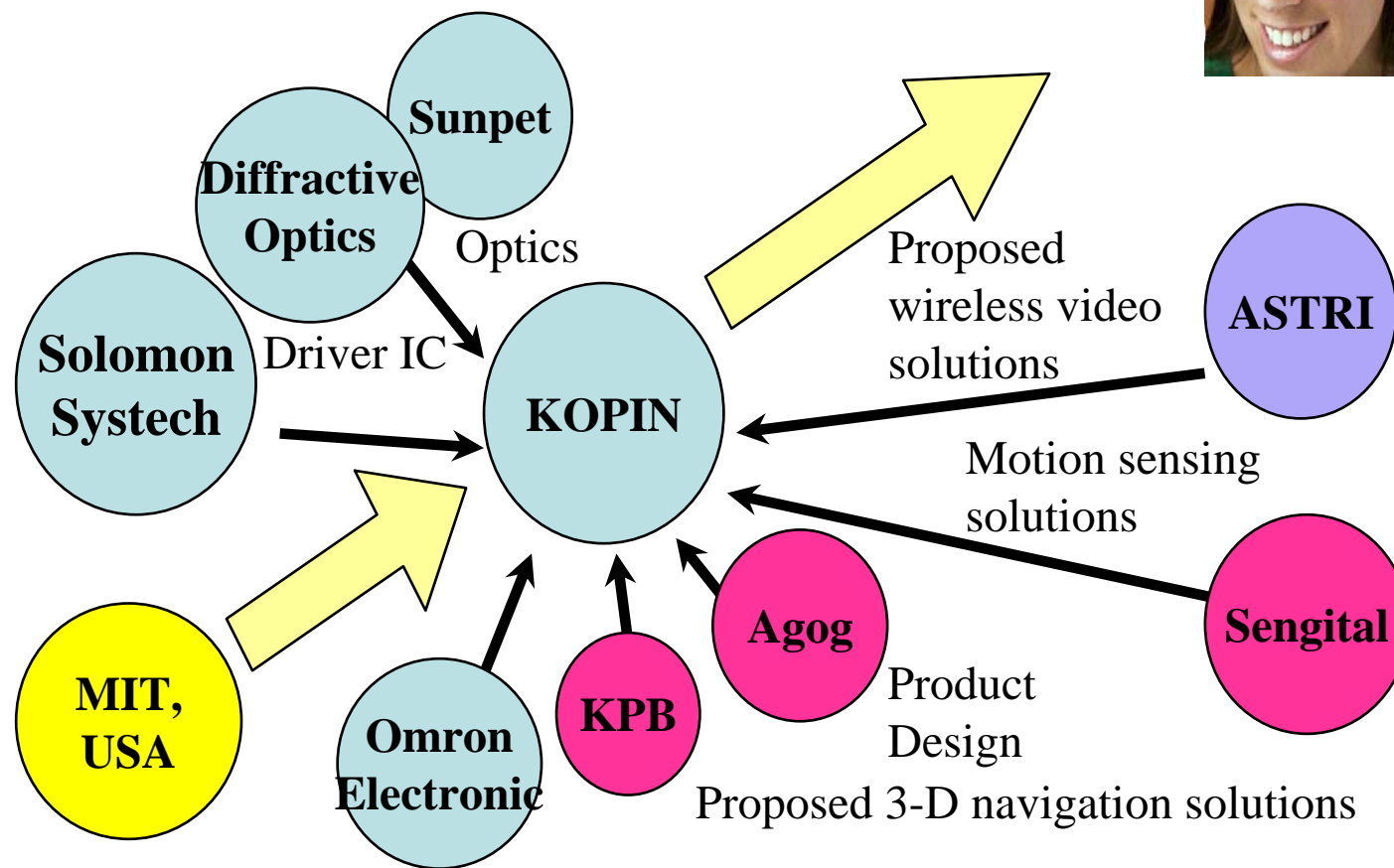
With its excellent IC Design and Test facilities and easy access to various semiconductor fabs for prototyping, HKTSP offers an ideal environment for RediSem's IC development. RediSem chose Hong Kong as its base because of its proximity to key markets and customers.

Industry Collaboration

Facilitate commercialisation of MIT Technology in Hong Kong Science Park

Example

Video Eyewear products



Technologies of LCD & heterojunction bipolar transistor (HBT) Backlights

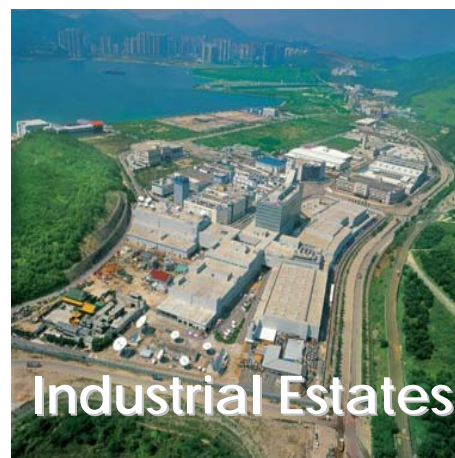
Hong Kong Science Park



Hong Kong Science & Technology Parks Corporation



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Strategic Location



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HKSTP – Mission

- To provide quality infrastructure and support facilities for innovation and technology development.
- To provide full-service incubation programme for technology start-ups.
- To foster partnership and collaboration between the industry and universities and applied research institutes.



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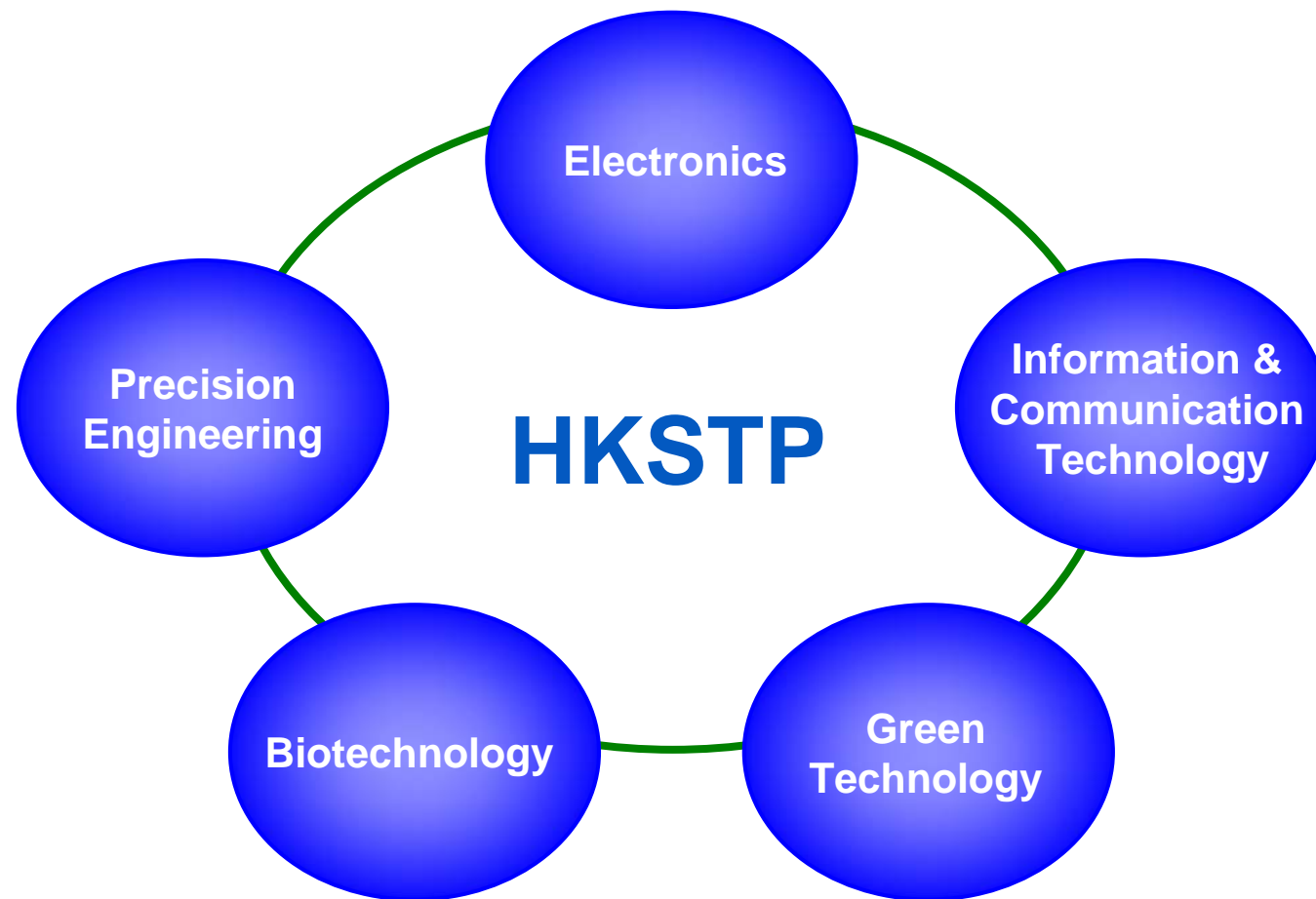
Hong Kong Science Park



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- HK\$12 billion (US\$1.5 billion) for HKSP Project in 3 Phases
- The Government has granted HK\$3.3 billion for Phase I and HK\$4 billion for Phase II
- The area provides the perfect environment for world-class companies to form technology clusters in five distinct areas:
 - Information Technology / Telecommunications
 - Electronics
 - Precision Engineering
 - Biotechnology
 - Green Tech

Creating Clustering Synergy

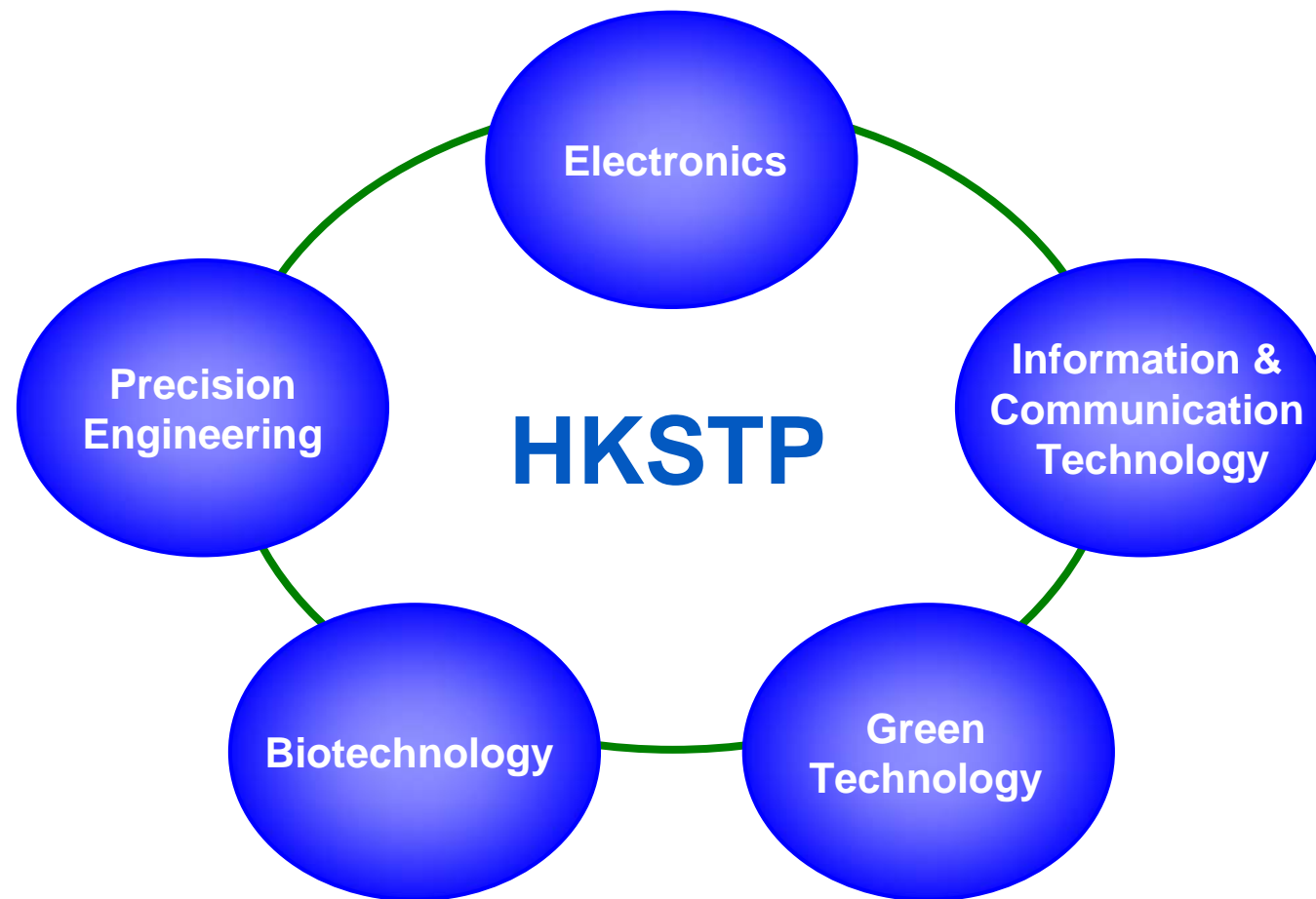


Well developed technology clusters attract world-class talent



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Creating Clustering Synergy



Well developed technology clusters attract world-class talent

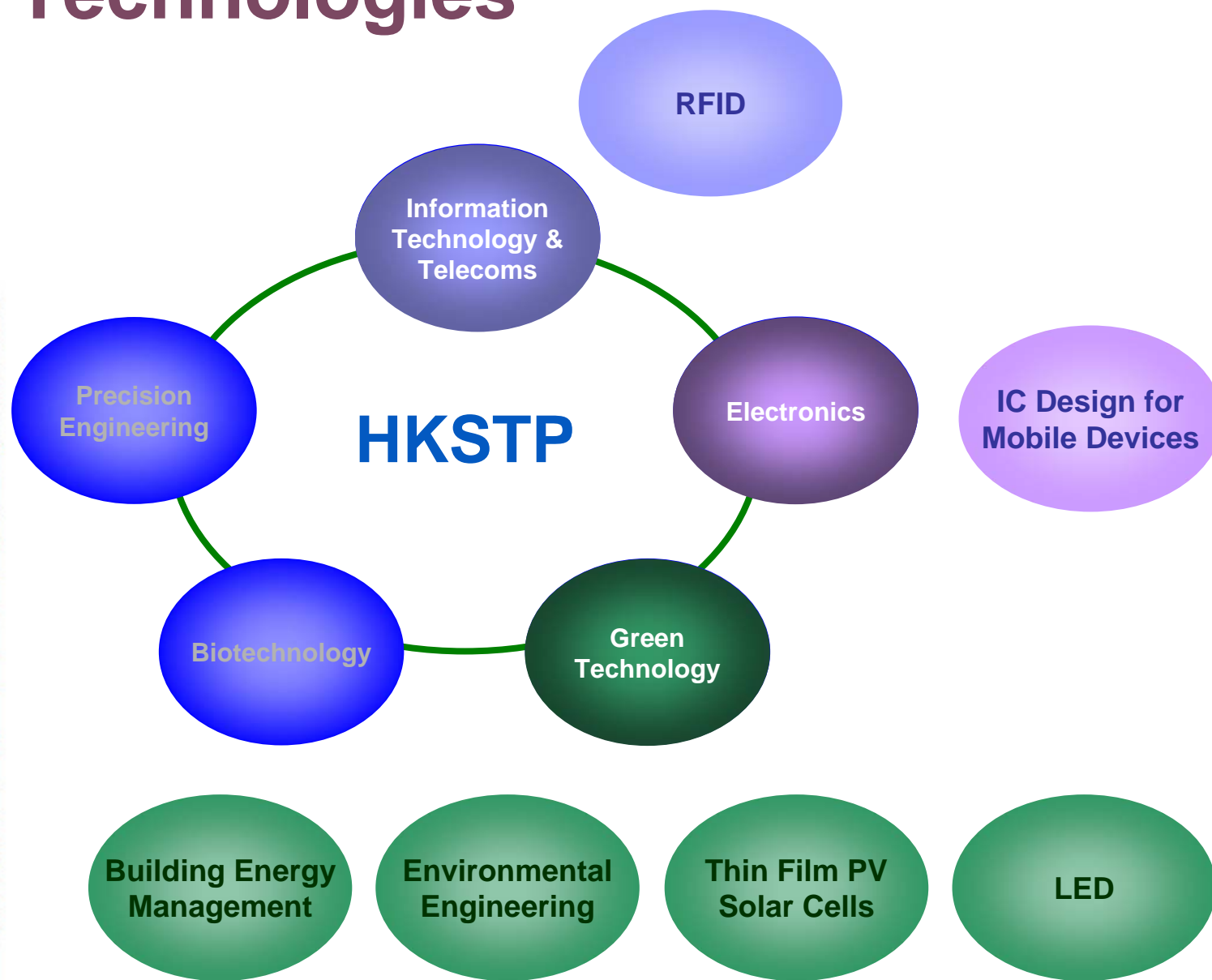


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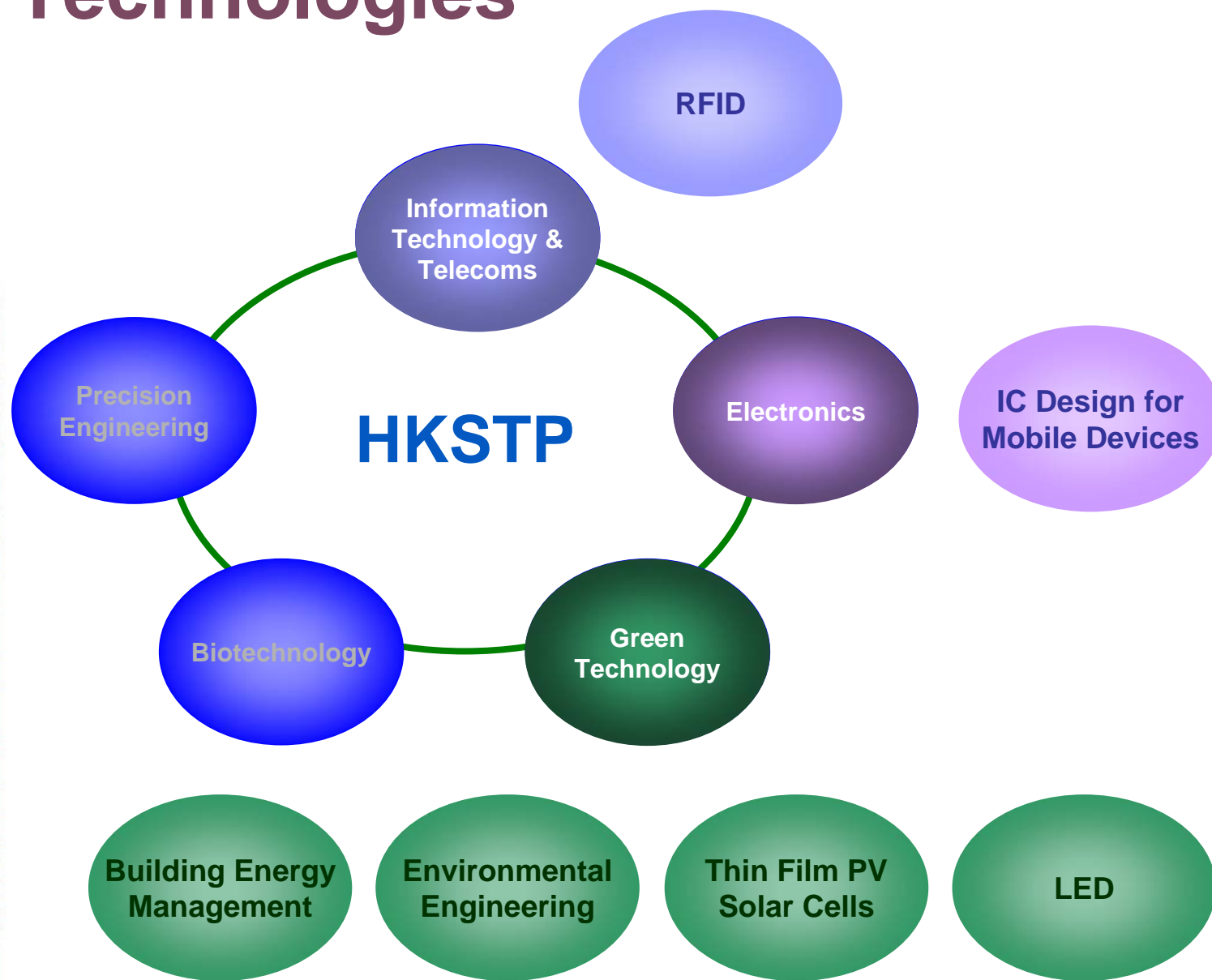
World-class Niche Technologies



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World-class Niche Technologies



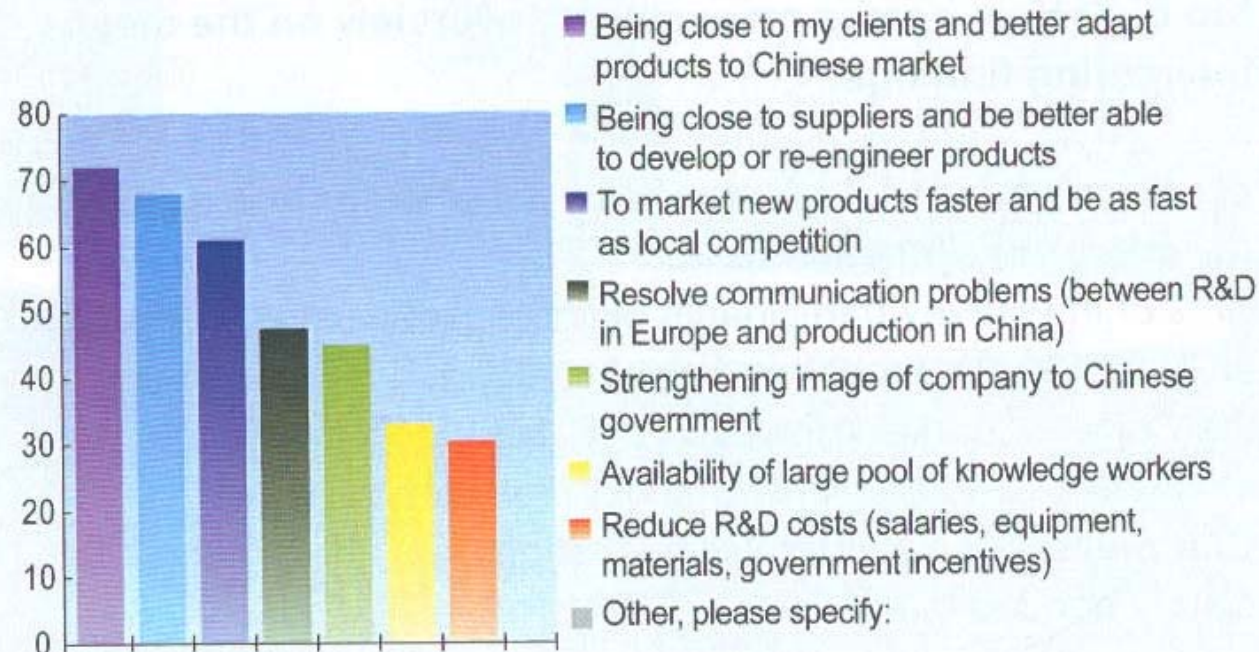
Survey by Swiss Chamber of Commerce in China Why R & D in China

8 What type of R&D are you currently doing or are you planning to do in China?

Fundamental research and applied research are of inferior importance. Almost 90% of those doing R&D in China focus on product and technology development, as well as product and technology improvement.

Why do you do R&D in China (or plan to open R&D unit)?

(N=19)



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Research & Development Centres

- 5 R&D centres set up in April 2006 to promote applied R&D in the following five technology focus areas



Laboratories and Technical Centres



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Electronics

IC Design Centre
IP Servicing Centre
Probe & Test Centre
Failure Analysis Lab
Reliability Lab



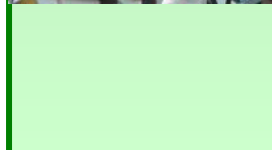
IT/Telecom

Wireless Communications Test Lab



Precision Engineering

Materials Analysis Lab



Biotech

Bio-Tech Lab



Green-Tech

Solar Energy Technical Support Centre
Solid State Lighting Lab



Laboratories and Technical Centres



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Electronics

IC Design Centre
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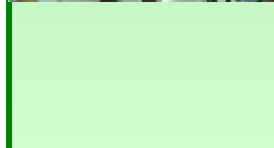
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Green-Tech

Solar Energy Technical Support Centre
Solid State Lighting Lab



Value Added Services



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INCUBATION PROGRAMME

- ❖ Funding Support
- ❖ Product Launch / Exhibition / Media Coverage
- ❖ Business Plan Reviews / Mentorship
- ❖ Business Centre Services

TECHNOLOGY

- ❖ Laboratory Engineering Services
- ❖ University IP Listing / Search
- ❖ Technical Training / Consulting

ORGANISATION GROWTH

- ❖ Talent Pool Platform / University Career Day
- ❖ Management Skills Training

BUSINESS DEVELOPMENT

- ❖ First@SP (Product Trial / Demo) Programme
- ❖ Legal Panel Services
- ❖ Business Matching / Collaboration

FUND RAISING

- ❖ Angel Platform
- ❖ Venture Capital Platform

BUSINESS SUCCESS



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SME Programme



Welcome to Hong Kong Science Park



Thank You



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