



香港教育大學

The Education University
of Hong Kong

28.6–29.6.2017

「香港主權移交 20 年
Hong Kong 20 Years
after the Handover」

研討會 Conference



地點 · Venue

香港教育大學大埔校園胡郭秀萍演講廳 (D1-LP-04)

Lady Ivy Wu Lecture Theatre (D1-LP-04), EdUHK



大中華研究中心
Centre for Greater China Studies



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Hong Kong manufacturers in the Pearl River Delta

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National University of Singapore



HK: 20 years after the Handover

Education University of Hong Kong

28 June 2017

Agenda

1. A missed opportunity?
2. Prospect of HK manufacturers

Selected economic indicators of three major types of firms in the PRD's economy, 1999-2014

	1999/2001*	2005	2010	2014
Real industrial output value:				
(in billion <i>yuan</i> , & percentage share in the PRD)				
HK-Macao-Taiwan	383 (43%)	961 (33%)	1,672 (27%)	1,867 (23%)
Foreign-financed	190 (22%)	1,044 (36%)	1,972 (32%)	2,203 (28%)
Share-holding	138 (16%)	928 (32%)	2,116 (35%)	3,762 (47%)
Real industrial output value/employee:				
(in 1,000 <i>yuan</i>)				
HK-Macao-Taiwan	202.93		321.26	423.71
Foreign-financed	462.18		642.14	780.53
Share-holding	353.58		529.20	769.99
Collectives	30.46		143.66	218.82
State-owned	236.49		1,642.50	615.00
Real value-added per employee:				
(in 1,000 <i>yuan</i>)				
HK-Macao-Taiwan	53.16		88.34	101.03
Foreign-financed	106.46		158.37	163.53
Share-holding	93.61		143.36	183.83
Collectives	33.33		44.73	70.30
State-owned	114.82		450.57	215.54
Gross profits per employee:				
(in 1,000 <i>yuan</i>)				
HK-Macao-Taiwan	7.96		26.97	28.45
Foreign-financed	25.58		50.46	56.27
Share-holding	13.29		44.31	57.24
Collectives	1.76		9.14	18.72
State-owned	28.74		116.45	48.91

1. A missed opportunity?

- A coherent industrial and educational policies (sense of crisis)?
- Inputs:
 - Low propensity to invest on manufacturing
 - Low investment in R&D
 - ? labour (existing & future → unsustain interest on STEM courses: 2 elective courses, 14% enrolled in advanced math in 2016)
- Closer integration with China?
 - Social tension & political uncertainties
 - *Sceptical* general public on closer integration with China & the business communities (collusion?!)

A comparison of R&D indicators in HK and Singapore, 2015

	HK	Singapore
Total expenditure (in US\$, billion)	\$2.34	\$6.81
in % of GDP	0.76%	2.34%
By sector:		
Business sector	\$1.02 (44%)	\$4.16 (61%)
Higher education	\$1.22 (52%)	\$1.12 (16%)
Government	\$0.09 (4%)	\$1.53 (23%)
Personnel	28,165	47,902*
By sector:		
Business sector	12,217	32,835*#
Higher education	15,247	5,800*#
Government	701	N/A

R&D as a % of GDP:

3.6% in S Korea,

2.3% in Taiwan

2% in China

2. Prospect of HK manufacturers

- Fourth Industrial Revolution
- Initiatives taken by HK:
 - Innovation and Technology Bureau (創新及科技局) in 2015: Delink the reliance of banking & finance within a decade (Secretary, Mr Nicholas Yang)?
 - Planned smart production hub in Tseung Kwan O (HK\$8.2 billion, robotics manufacturing)
 - Lok Ma Chau Loop Innovation and Technology Park (港深創新及科技園, announced in Jan 2017, HK+SZ)

Prospect

- Guangdong-Hong Kong-Macau Greater Bay Area 粵港澳大灣區 (HK involved in the discussion in 2011; announced by the Premier Li Keqiang, March 2017):
 - To coordinate economic and infrastructure development in 11 cluster cities: Hong Kong, Macau + 9 cities in the Guangdong province; to tap into markets in SE Asia & South Asia
 - To create a world-class technology hub (Hwawei, Tencent, DJI, etc.)
 - ***Extent of HK's involvement?*** (delay of HK-Zhuhai-Macao Bridge Vs GD's proactive actions: plans submitted to Beijing by Sep.!)
7

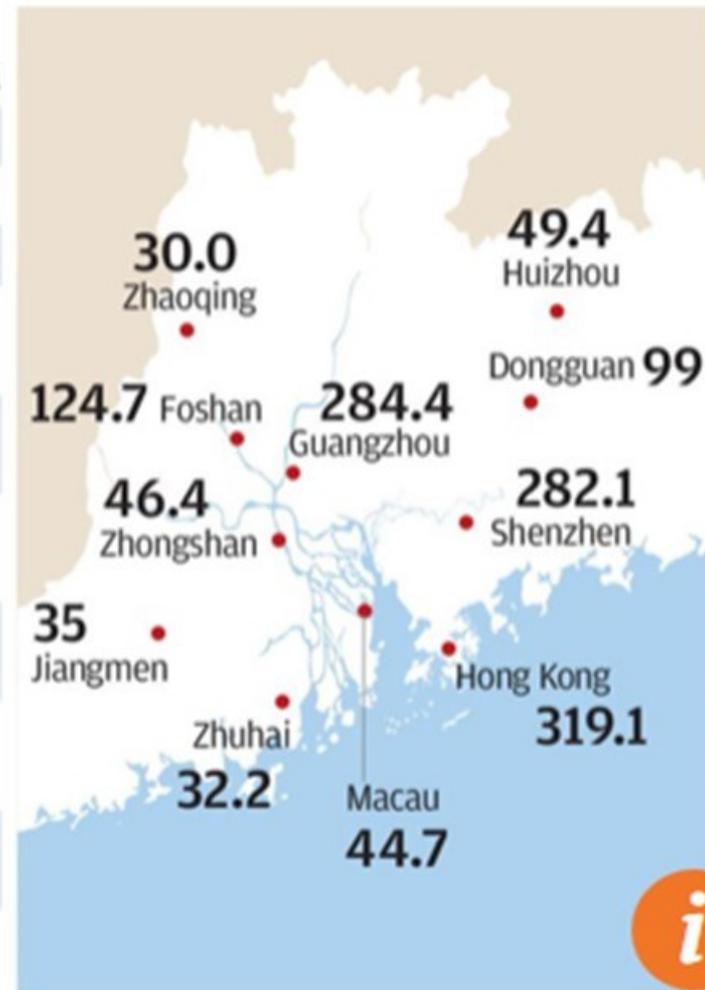
Bay Area stats

Comparing the pan-Pearl River Delta with three major deltas in the world

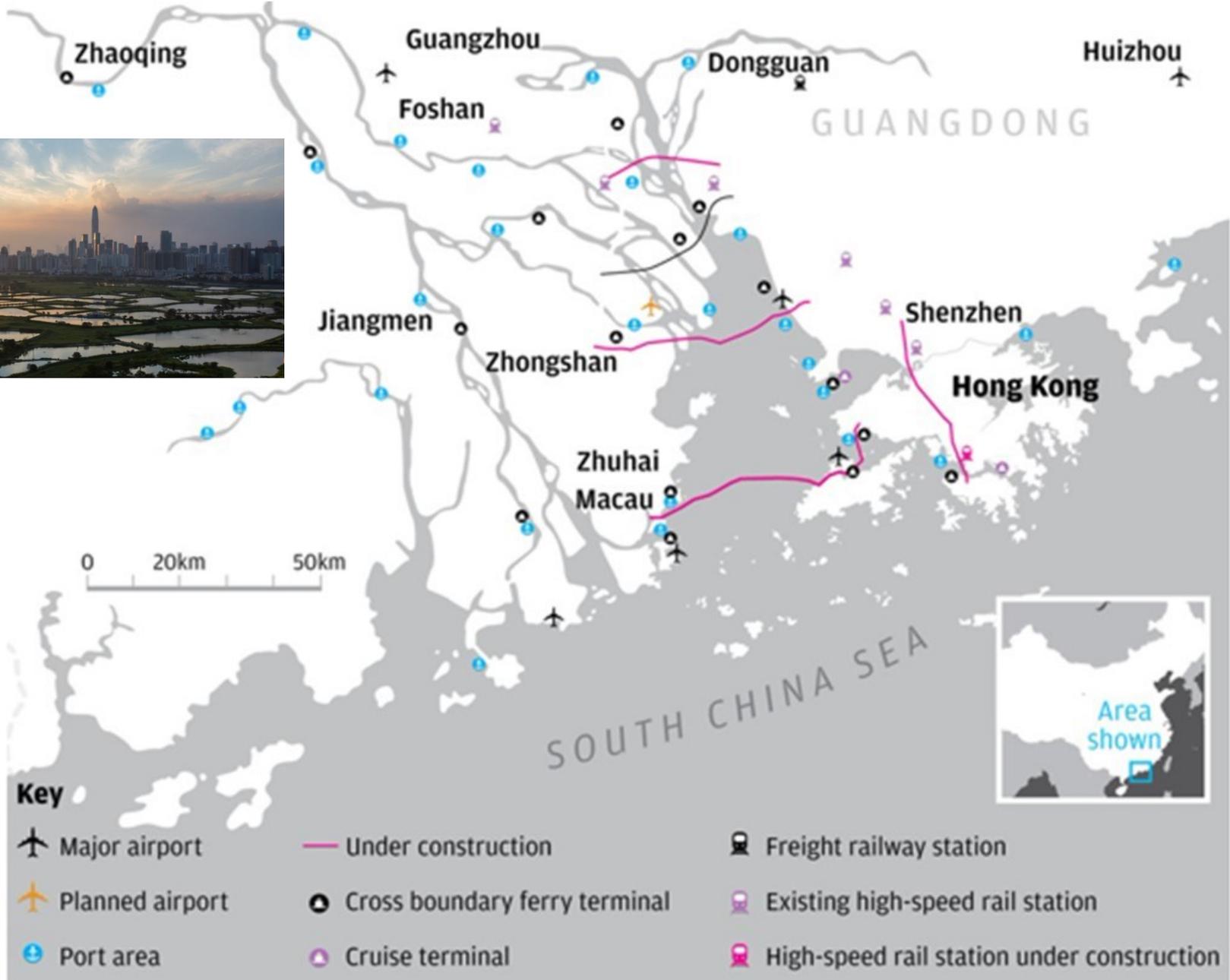
	Tokyo Delta	New York Delta	San Francisco Delta	Pan-Pearl River Delta
Area /10,000 km	3.68	1.74	1.79	5.6
Population/ 10,000	4,347	2,340	715	6,671
GDP/ trillion US\$	1.8	1.4	0.76	1.36
Per-capita GDP/ 10,000 US\$	4.1	6.9	9.9	2
Tertiary industry share/%	82.3	89.4	82.8	62.2
GDP share to country/%	41	7.7	4.4	10.8
Freight turnover/ 10,000 teu	766	465	227	6,520
Flight passenger turnover	1.12	1.3	0.71	1.75
Number of World 100 best universities	2	2	2	4
Number of Forbes 500 best companies	60	28	22	16

Source: Guangdong-Hong Kong-Macao Greater Bay Area Forum, Tencent

2016 GDP of Bay Area cities (US\$b)



SCMP



Prospect

- ❖ **CAs** of HK manufacturing? (Do we need it? CAs in advanced service sectors?)
- ❖ Government policies: time for an re-evaluation, given the pro-active government policies implemented by others (SG's Research, Innovation and Enterprise (RIE) 2020 plan) - *incentives*?
- ❖ Regional integration with the PRD Mk II:
 - HK is simply confined to support for Shenzhen & the Southern China (HK is expendable? Edged out of the future industrial development of the PRD?) OR
 - Further collaboration/integration? ('advanced/ super connection' for 'OBOR' initiatives)

