The Quest for Entrepreneurial University:

Changing University-Industry-Business Relationship

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Globalization and University Governance

- Global Competitiveness and New Higher Education Governance

→Governments conduct comprehensive reviews of and implement plans to restructure higher education systems

→Opening up new markets and multiple providers; deregulations and enforcing competition

→"Market accelerationist state" in Asia

Globalization and University Governance

- Corporatization and New University Governance
- Driving Universities to become more entrepreneurial

→State universities in Asia become more proactive and dynamic in looking for financial resources

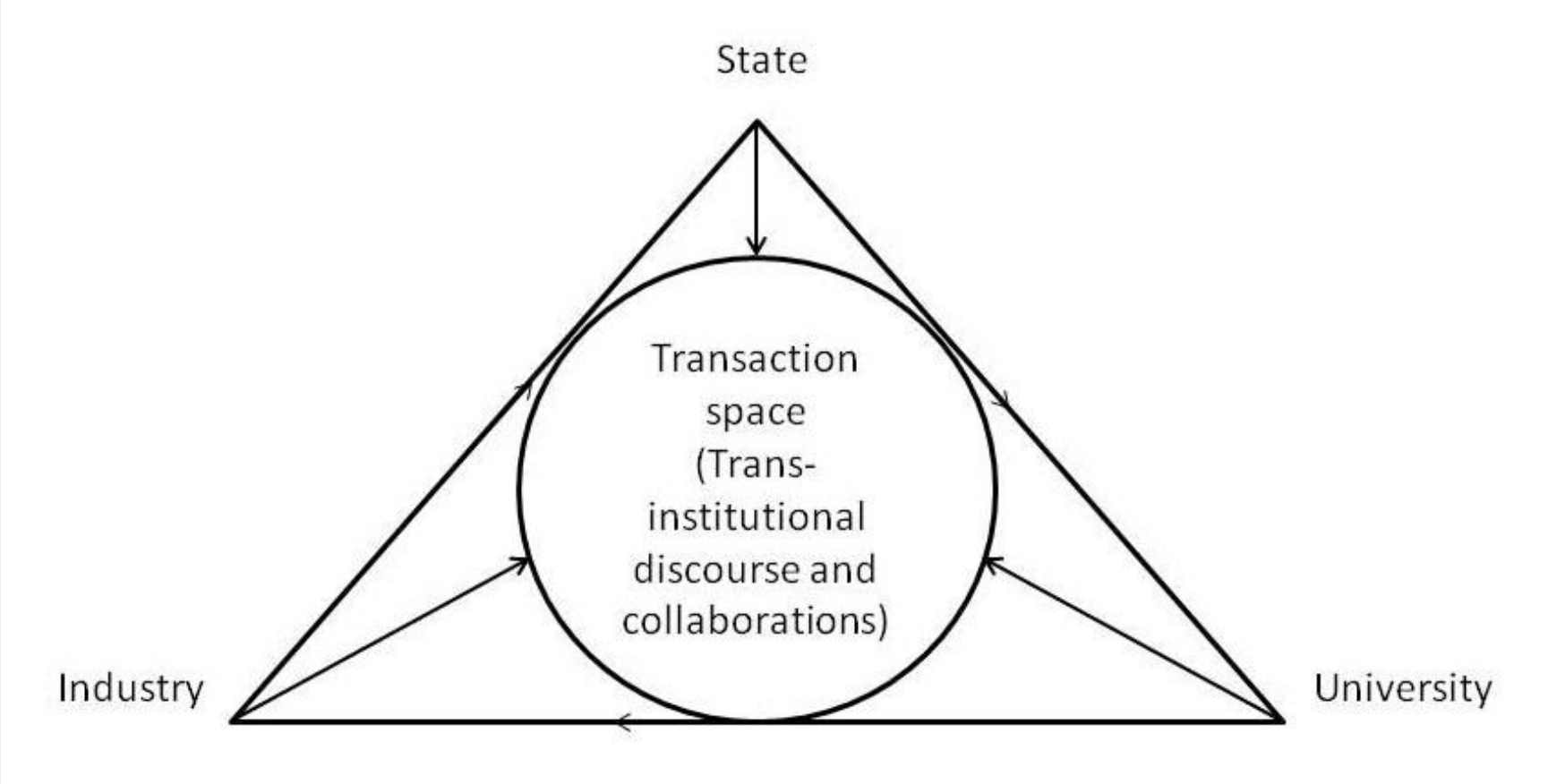
Asia's Private and Public Higher Education Shares, 2001-2008 (selected countries)

	Private % of Total HE Enrolment	Year	Private % of Total HEIs	Year	Private % of Total University Enrolment	Year	Private % of Total University	Year
China	19.9	2008	28.3	2008	0	2008	0	2008
Hong Kong	59.0	2007/08	54.5	2007/08	59.4	2007/08	22.2	2007/08
Japan	77.4	2007	89.6	2007	73.2	2007	76.7	2007
Malaysia	50.9	2004	97.0	2004	7.5	2000	39.3	2004
Philippines	65.1	2005/06	89.4	2005	-	-	-	-
South Korea	80.0	2006	87.0	2002	78.4	2004	84.8	2004
Taiwan	71.9	2004	65.8	2004	66.8	2004	64.1	2004
Thailand	9.9	2007	46.9	2007	16.8	2001	28.3	2003

Transforming University for Global Competitiveness

- Enhancing knowledge-based economy & diversifying economic pillars
- Promoting research & development
- Advancing innovation and creativity
- Enhancing higher education quality
- Managing human capital & attracting global talents
- Transforming UNIVERSITY GOVERNANCE
- Promoting Third Mission of University
- Strengthening Industry-University-Business collaboration and knowledge transfer

Triple Helix Network



Entrepreneurial University and Entrepreneurial Education

- State directed or university and society driven?
- Hong Kong's governing philosophy: "Big market and Small government"
- Academic freedom to university to engage with industrial / business sectors for promoting entrepreneurship
- Education is to create a conducive environment for making students becoming entrepreneurial
- Curriculum and instruction contributes partially to entrepreneurial culture

Entrepreneurship Perceptions, Intentions and Societal Attitudes in Innovation-driven economies, 2011

	Perceived opportunities	Perceived capabilities	Fear of failure	Entrepreneurial intentions	Entrepreneurship as a good career choice	High status to successful entrepreneurs	Media attention for entrepreneurship
Australia	47.8	47.4	43.2	12.3	54.0	67.7	69.5
Finland	60.8	37.3	32.0	7.1	45.5	83.0	67.4
Germany	35.2	37.1	42.0	5.5	55.0	78.3	49.7
Ireland	25.6	45.5	33.2	5.8	45.9	82.7	56.4
Norway	67.1	33.2	40.5	8.7	52.9	80.4	60.2
Sweden	71.5	40.3	34.6	9.8	51.8	70.8	62.3
United Kingdom	33.3	42.5	36.1	8.9	51.9	81.0	47.3
United States	36.2	55.7	31.2	10.9	--	--	--
Japan	6.3	13.7	42.2	3.8	26.0	54.7	57.0
South Korea	11.2	26.7	45.1	15.7	61.1	67.2	62.2
Singapore	21.4	24.1	39.2	11.7	53.6	62.9	76.5
Taiwan	38.9	28.6	39.6	28.2	69.0	62.7	85.8

Science and Technology Statistics of the Four Little Dragons and Other Selected Countries

	Researchers in R&D	Technicians in R&D	Scientific and technical journal articles	Royalty and license fees		Patent applications filed	
	Per million people 2000-08	Per million people 2000-08	In 2007	Receipts (in $ millions) 2009	Payments (in $ millions) 2009	Residents 2009	Non-residents 2009
Hong Kong	2,650	459	---	380	1,610	149	11,708
South Korea	4,627	720	18,467	3,185	7,049	127,316	36,207
Singapore	6,088	529	3,792	1,340	11,686	750	7,986
Taiwan	--	--	--	--	--	--	--
Japan	5,573	589	52,896	21,698	16,835	295,315	53,281
Germany	3,532	1,301	44,408	13,785	14,104	47,859	11,724
United States	4,663	--	209,695	89,791	25,230	224,912	231,194
East Asia & Pacific	1,071	--	60,164	881	16,411	237,052	85,532
Euro area	2,977	1,376	167,647	38,296	70,574	84,182	15,710

Asian Model to Entrepreneurship

- Small but efficient government
- Dynamic and free market
- Emphasis on internationalism
- Entrepreneurship: not only BUSINESS but social, cultural, green and diverse perspectives
- Making Universities Entrepreneurial
- Vitalizing the Business Sector in promoting entrepreneurship
- Promoting Community (civil society) initiatives in cultivating entrepreneurial spirit

Promoting Entrepreneurship for What?

- Changing State-University-Market relation but not at the expense of ACADEMIC FREEDOM
- University Autonomy is KEY for innovation and ceratívity
- Globally Aware Entrepreneurs
- Socially Responsible Entrepreneurs
- Culturally Sensitive Entrepreneurs
- Being Entrepreneurial for promoting ***economic justice, social change, cultural enrichment, environmental awareness and human well-being***

End of Presentation

Thank You

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