



ENRICH – European Network of Research and Innovation Centres and Hubs, China

Understand Chinese STI Landscape : Opportunities for European innovators and researchers

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I.

Comprehensive industrial chain is vital for innovation

II.

China is a test field for innovation

III.

China partners with EU in seizing opportunities and solving challenges

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I. China has a comprehensive industrial chain

✓ Huaqiangbei:

- located in Futian District, Shenzhen
- A major electronics manufacturing hub
- “Silicon Valley of hardware”



I. China has a comprehensive industrial chain

Scotty Allen, a former Silicon Valley Engineer, built his own iPhone 6s from scratch using parts sourced from Huaqiangbei, costing 300 US dollar.



- ✓ The comprehensive industrial chain and manufacturing ecosystem in China allow innovators to turn an idea into a product **cheaply, quickly and conveniently.**

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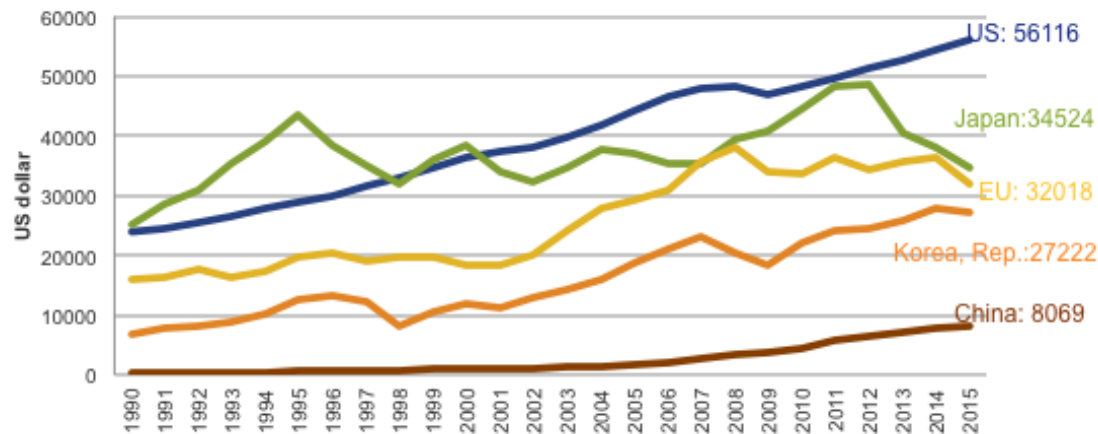
China partners with EU in seizing opportunities and solving challenges

II. China is a test field for innovation (1)

✓ Consumption upgrading

- Rising purchasing power & middle class

GDP per capita (current US dollar)



	National per capita disposable income growth rate	GDP growth rate
2016	6.9%	6.7%
2015	7.4%	6.9%
2014	8.0%	7.3%
2013	7.7%	7.7%

Source: World Bank; National Bureau of Statistics

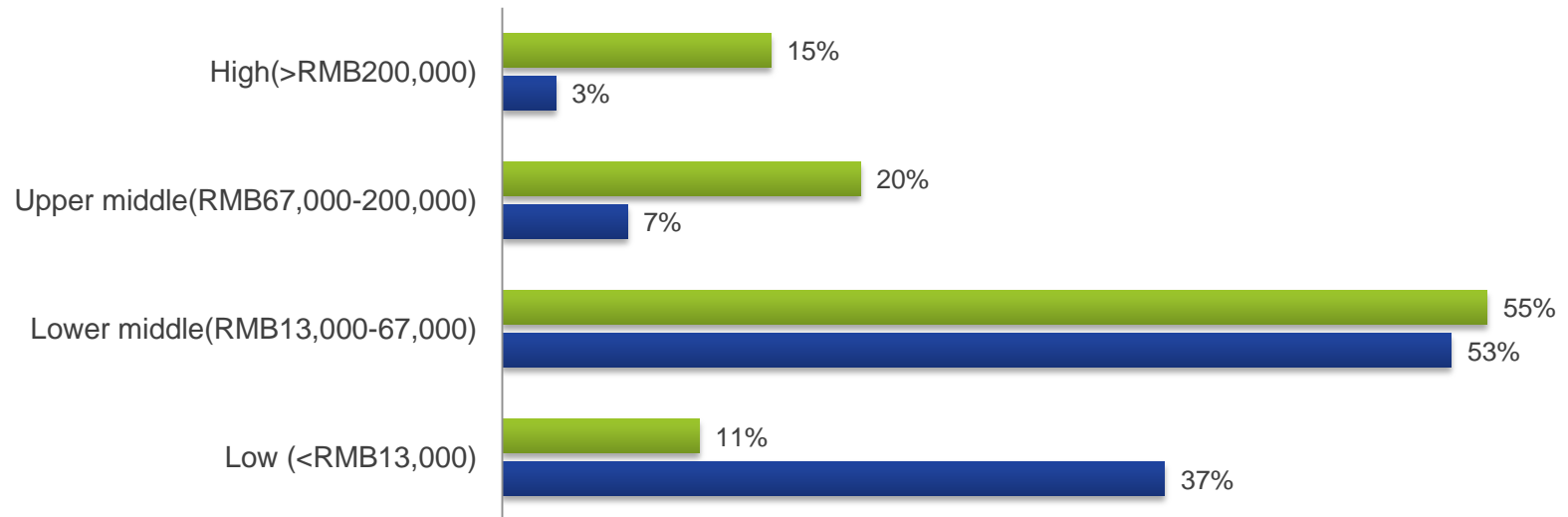
II. China is a test field for innovation (1)

✓ Consumption upgrading

- Rising purchasing power & middle class

**EIU forecast: annual disposable income per capita
(% of total population, constant 2015 prices)**

■ 2030 ■ 2015



Source: Economist Intelligence Unit

II. China is a test field for innovation (2)

✓ **A diversified market:** co-existence of different kinds of consumption

- Regional difference
- Urban-rural divide



Tecno: *budget-priced phones; dual-SIM card slots and lively ring tones*

- Shenzhen Transsion Holdings Ltd
- Transsion exported phone to Africa: 6.5 million in 2010 & 45 million in 2014

II. China is a test field for innovation (3)

✓ **A dynamic market:** things are changing fast here



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III. Partnering in seizing opportunities and solving challenges



- Founded in 1993
- Headquarter in France
- The first company that commercializes GSM
- Entered into Chinese market with the cooperative partner TCL in 2000



- A Chinese mobile phone company seeking technologies and growth

III. Partnering in seizing opportunities and solving challenges

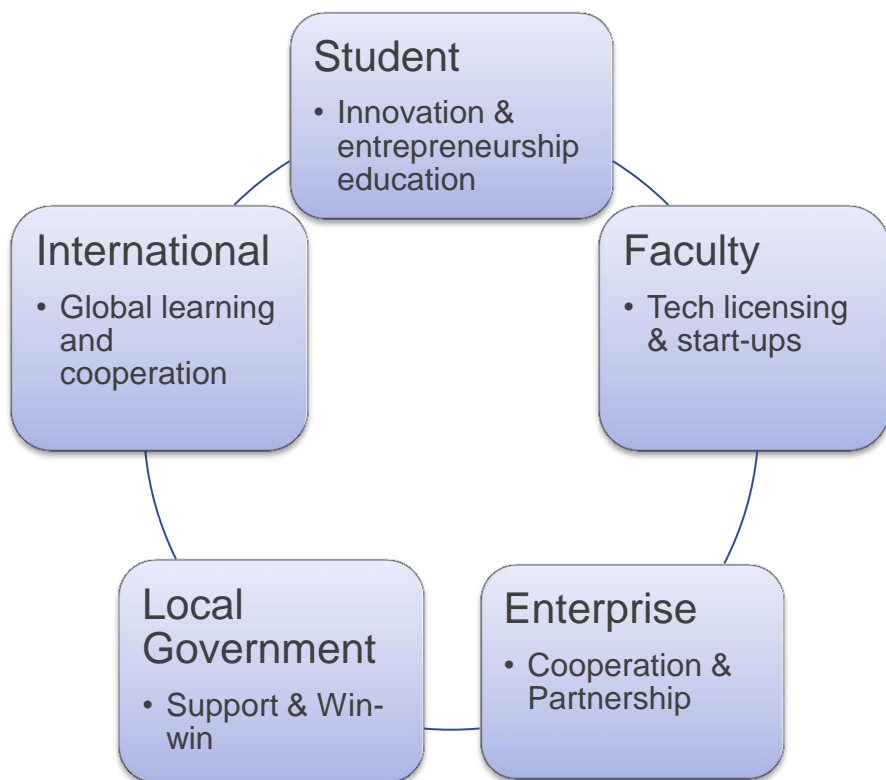


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China and EU are innovating together in solving challenges for a better world!

- EU-China R&I cooperation in food, agriculture and biotechnology; sustainable urbanization; aviation; water; energy; health; ICT.....

Tsinghua University has been contributing to the partnership

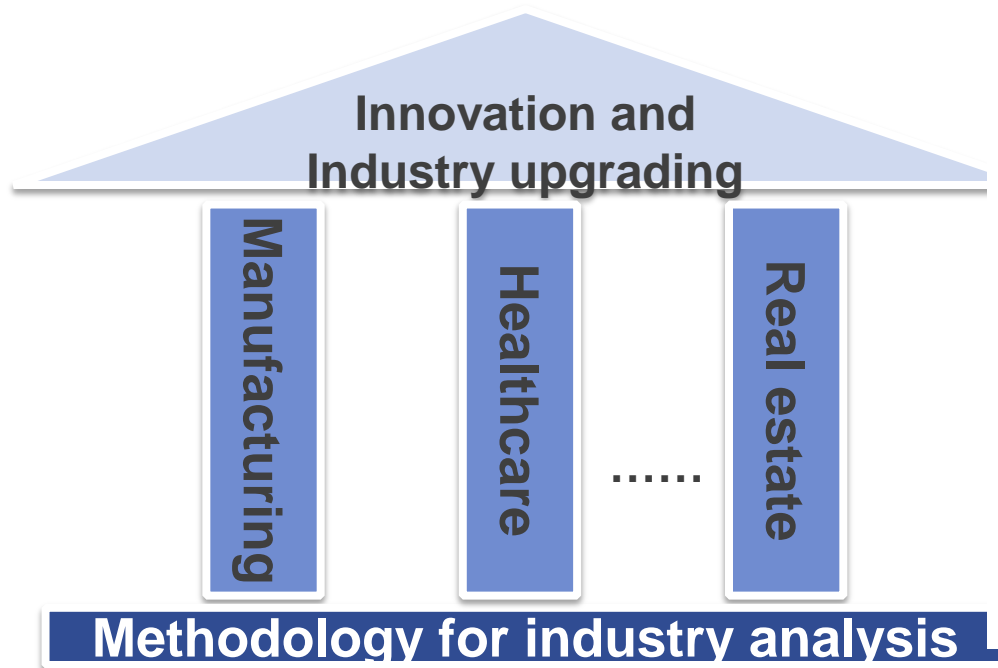


- **#1 Global University for Engineering**, U.S. News & World Report, Global University Rankings 2017
- **#9 Graduate Employability**, QS Graduate Employability Rankings 2016
- **#25 World University**, QS World University Rankings 2015/16

✓ **Tsinghua University has been the most active Chinese participants in FP7 and Horizon 2020.**

Institute for Global Industry: how we contribute

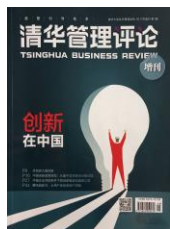
- ✓ Institute for Global Industry(IGI), Tsinghua University is an innovative think-tank, which can meet actual demands of industry, transfer scientific research achievements efficiently as well as promote industry development.



创新与产业升级研究计划
Research Initiative on Innovation and Industrial Upgrading-RIIU

What we do

Research



- ✓ “Industry jump”- envisaging the next decade of China’s manufacturing sector
- ✓ China’s healthcare system: a dual track perspective
- ✓ Tsinghua Business Review special issue: Innovation in China

Network

- ✓ Global Network for Industry Innovation- GNII



- ✓ Overseas presence in Germany, Geneva and Japan

- ✓ ENRICH



Activities

- ✓ Training
- ✓ Conferences/ seminars/work shops
- ✓ Networking
- ✓ Field visits
- ✓ Business tour

Thank you!

