

Recap and Look Ahead

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slogans, but also

economic imperative

domestic political imperative

geopolitical imperative

China's Changing Population

MUCH slower population growth

1991-2000 ave. annual increase 1.07%

2000-2010 0.57%

2011-2016 0.45%

FEWER young people

1990 29% 14 and under

2000 23%

2010 17%

2016 17%

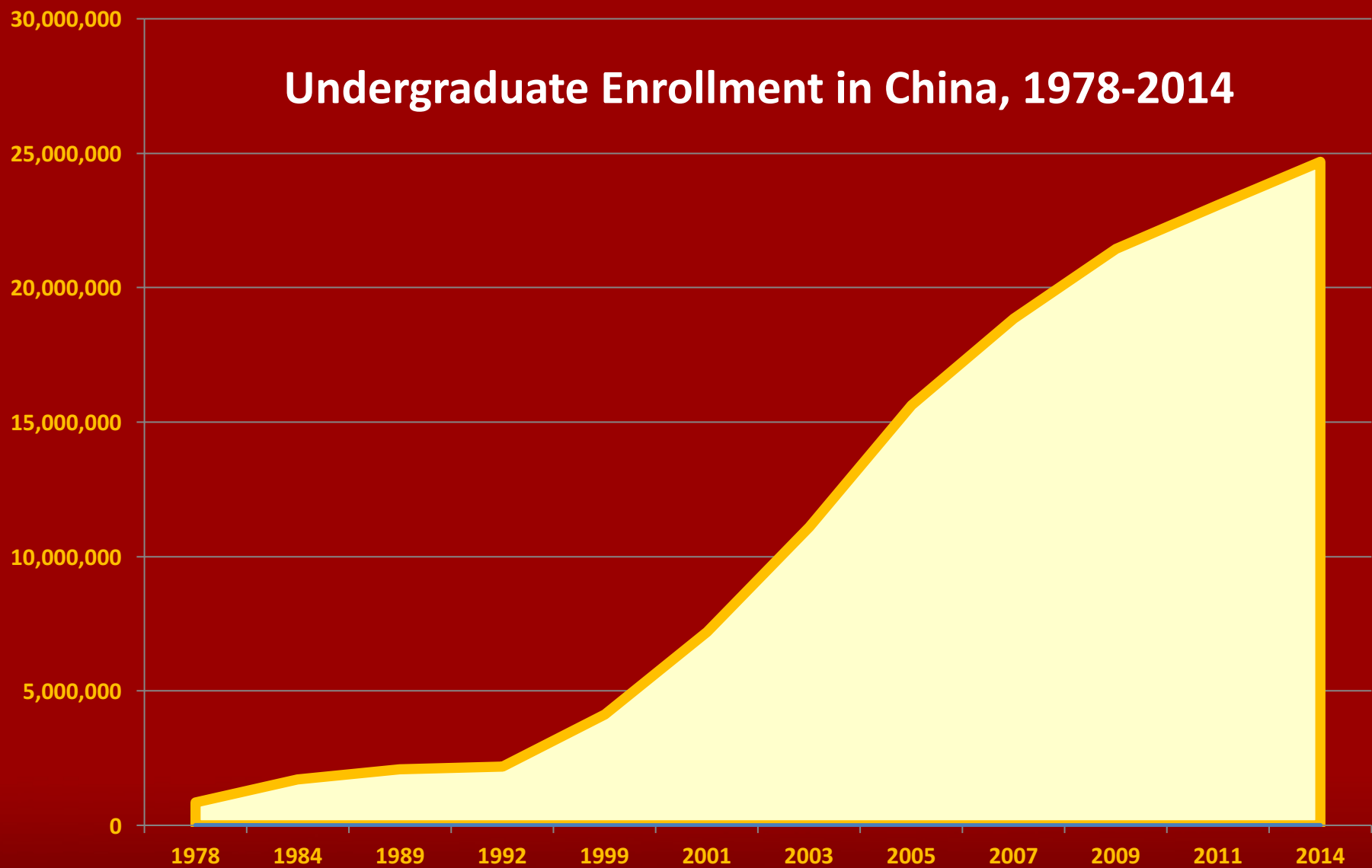
MORE older people

1990 5.6% 65 and older

2000 7%

2010 8.9%

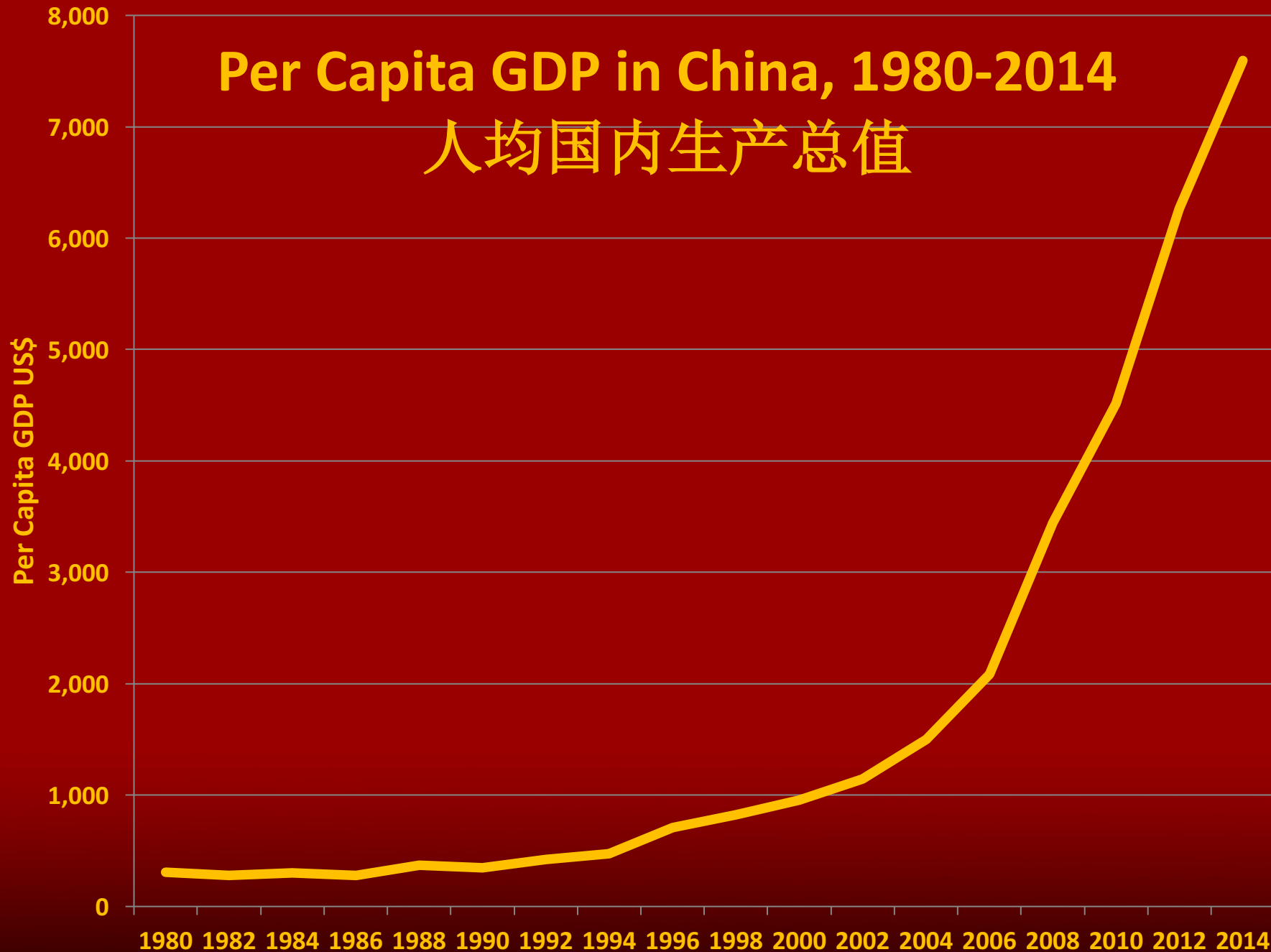
2016 10.3%



China National Bureau of Statistics
China Ministry of Education

Per Capita GDP in China, 1980-2014

人均国内生产总值





from farm to factory

Loutang, Shanghai 娄塘镇, 嘉定县 (区)



China now the
largest market for
industrial robots

Tianjin robot arm training

Mitch Altman, 2014

Cory Grenier, 2010



Innovation
Productivity
Consumer/Service

WeChat

NY Times

Discovery Channel -- voice messages, stickers

FinTech

payment systems

competition among Chinese giants

Trade/Market Access

Alibaba – MoneyGram

II. How does communication technology change China? (social level)

- A. Social changes
- B. Economic changes
- C. Educational changes
- D. Political changes



Communication technology and innovations greatly transform China from a poor, weak, and disconnected country into an economic better off, strong and fully connected nation.

At the social level, communication technology, e.g., helps Chinese people make tremendous changes in society, making it a highly connected society; helping China become the second largest economic power in the world. China's education is making great progress and political changes are also highly observable (major problems remain).

A. Social changes

Communication technology greatly helps people get data, information, knowledge and wisdom

A scholar described how people are involved with WeChat: "At every point of your daily contact with the world, from morning until night."

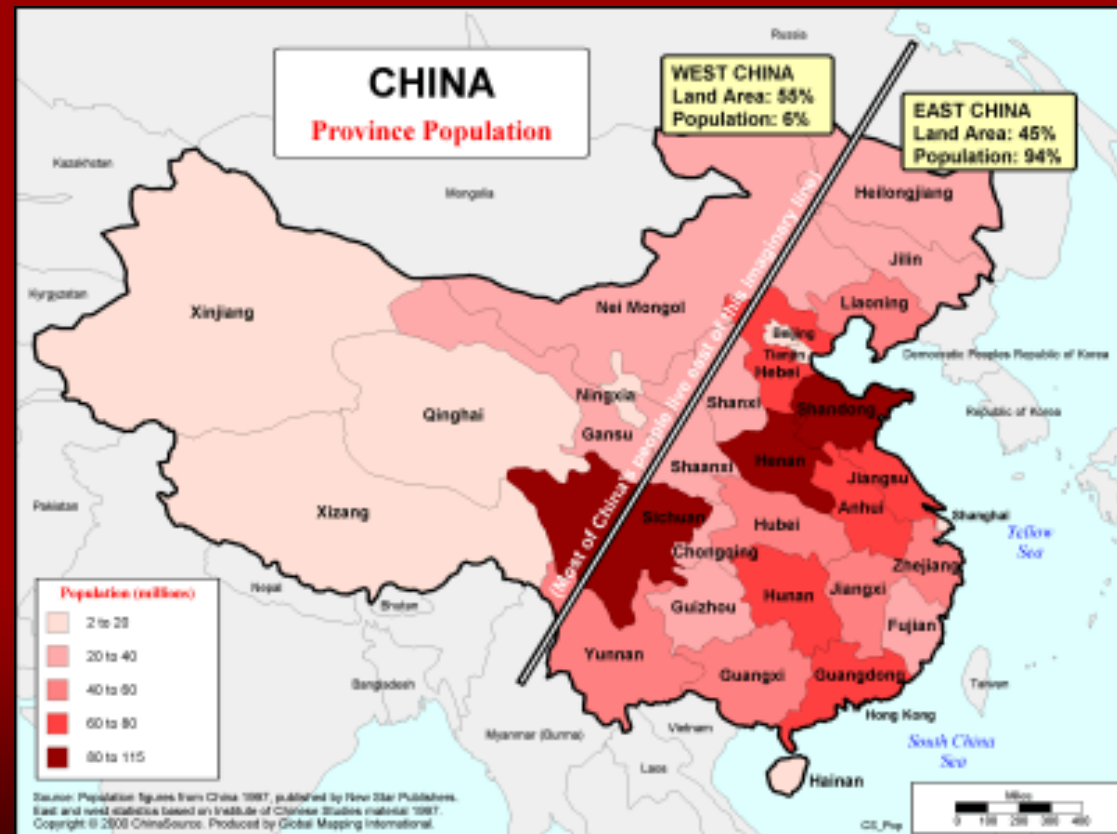
Impacts on social changes:

1. A highly frequent social interaction;
2. More people are connected through a mobile device ;
3. People tend to be socialized by opinion leaders;
4. High explosion of information challenges media users reducing the differences between urban and rural areas;
- 5) Empowering minority like women, young and ethnic groups of people



Contemporary China

East 45% of the land, 94% of the people
West 55% of the land, 6% of the people



LIFE EXPECTANCY 2000

- below 70 years
- 70 – 75 years
- above 75 years

10% or more of
population has
had no schooling
2006



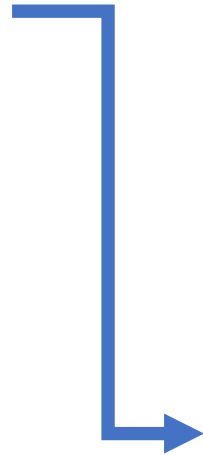
41% of Tibetans
have had no
schooling.



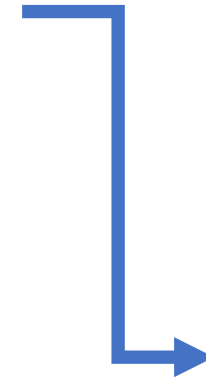
NASA

Phases in China-Silicon Valley Relationship

Dependence
(1994– 2001)



Competition
(2002-2015)



Segmentation
&
Synergy
(2016-Present)

Competition (2001-2015)

The eBay logo, featuring the word "eBay" in a lowercase, sans-serif font. The letters are colored: 'e' is red, 'b' is blue, 'a' is yellow, and 'y' is green.

vs.

The Alibaba Group logo, featuring a stylized orange graphic above the text "Alibaba Group" in orange, with the Chinese characters "阿里巴巴集团" below it.

Alibaba Group
阿里巴巴集团

The Google logo, featuring the word "Google" in a lowercase, sans-serif font. The letters are colored: 'G' is blue, 'o' is red, 'o' is yellow, 'g' is blue, 'l' is green, and 'e' is red.

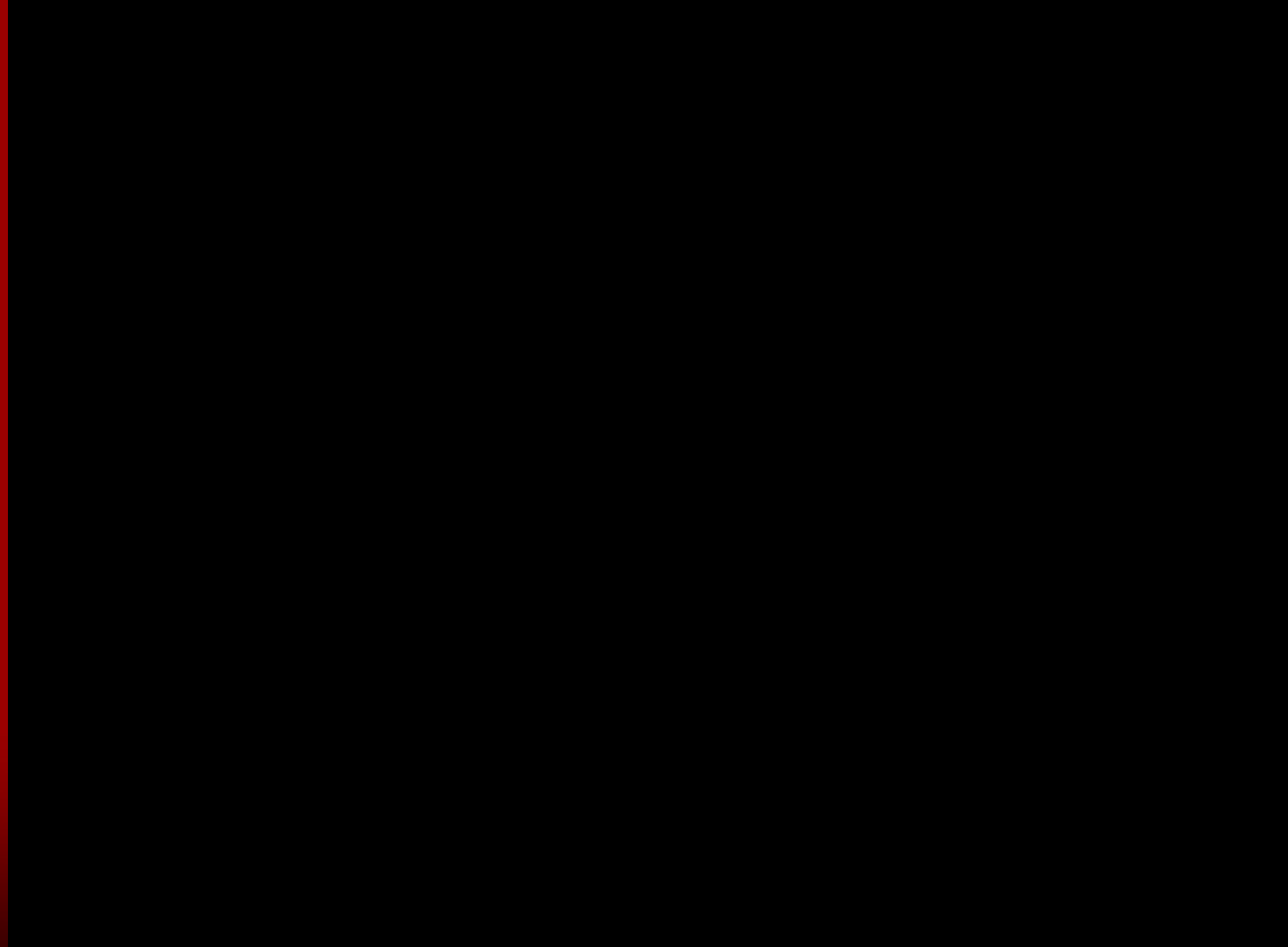
vs.

The Baidu logo, featuring a blue paw print graphic above the text "Baidu" in red, with the Chinese characters "百度" to the right.

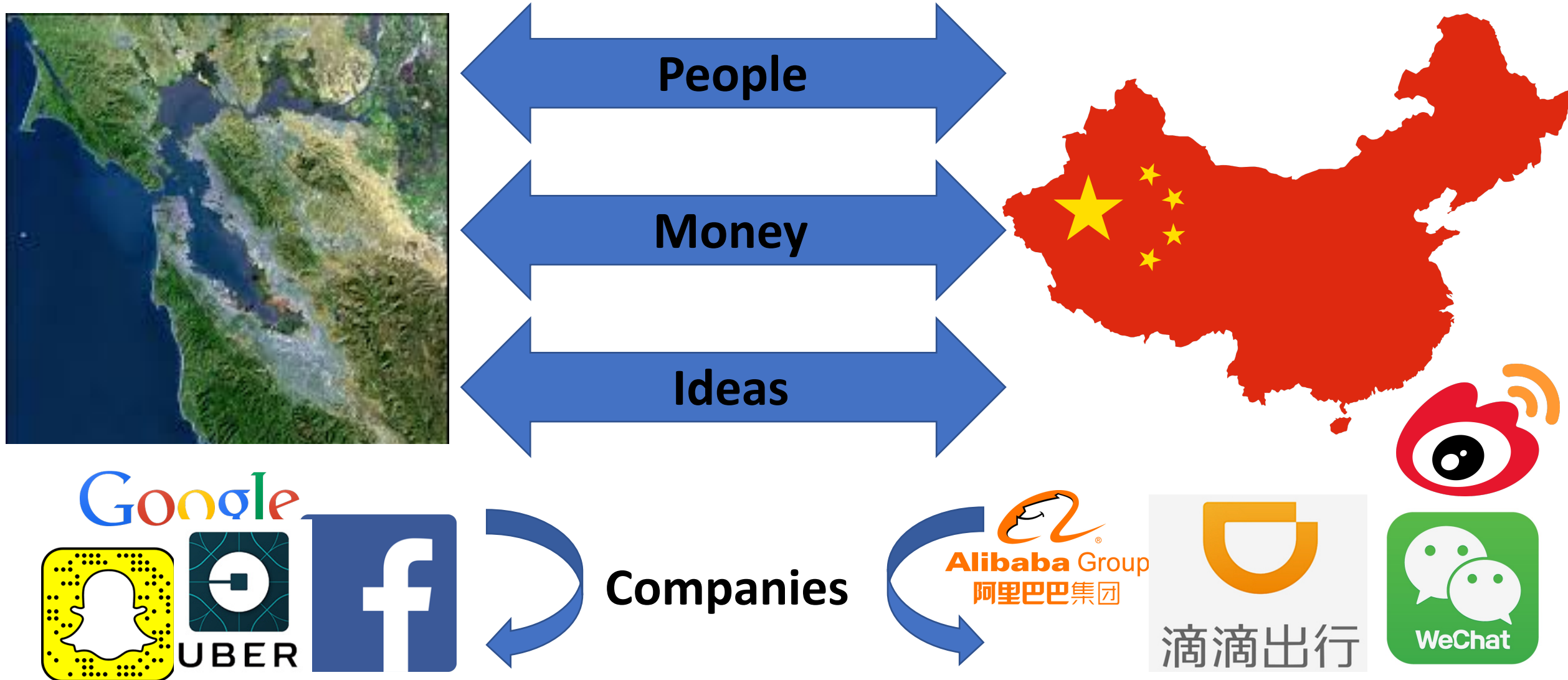
Baidu 百度

Crocodile in the Yangtze

Porter Erisman, 2012



The New Paradigm





2011/2015

California jobs in 585
Chinese-owned firms:
18,300



2016



2016

Riot Games
OC Register, May 2017
AppLovin
Rhodium Group, 2017

Committee on Foreign Investment in the US (CFIUS)
美国外资投资委员会



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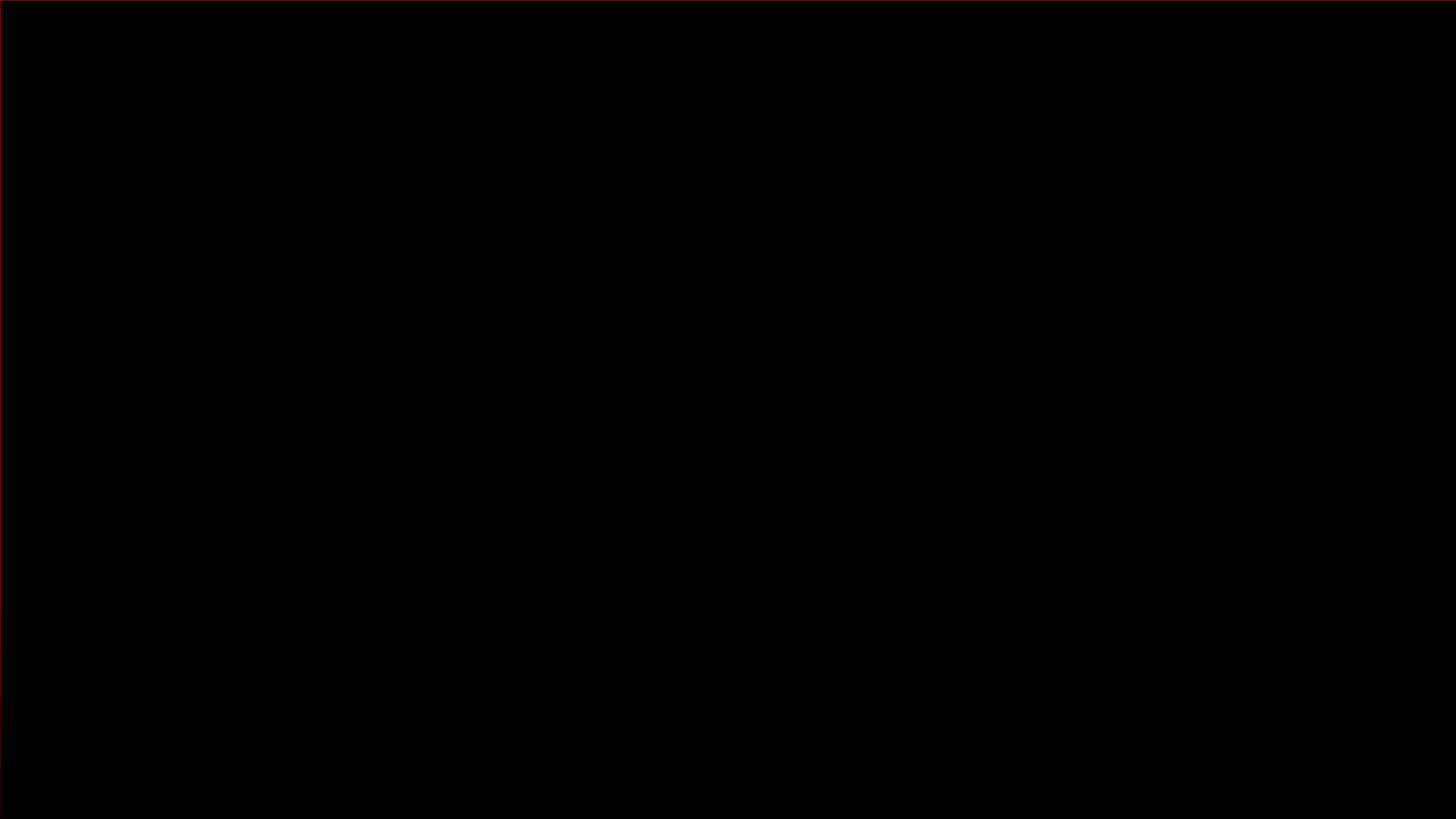
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The banner features a network of blue lines connecting various circular icons. The icons include a drone, a security camera, a car, a robotic arm, a hand interacting with a screen, and a factory setting. The background is a light blue gradient with a subtle grid pattern.

China Owns US

Rick Berman



Chinese: Very big or moderately big problems

