

Chinese Path to Modernization: Research and Exploration

ZHANG Meng and GUO Man



features of Chinese modernization

“实践是检验真理的唯一标准”



实践是检验真理的唯一标准

Practice is the sole criterion
of truth.

——Deng Xiao-Ping
May 1988

- in **1949**, china GDP Per Captia is **USD23**. no modern industry production.
- in **1978**, china GDP Per Captia is **USD155**.
- in **2000**, china GDP Per Captia is **USD959**.
- in **2021**, china GDP Per Captia is **USD12549**.
- 2014 China overpass the USA in terms of purching power parity
- **The first lesson:** Development can solve all problems eventually. (but it takes long time)

Data: HBR and The World Bank

The Lived Change Index

The index uses lifetime per capita GDP to track how much economic change a population has experienced. Over the past three decades China has changed more quickly than any other place on earth.

Per capita GDP growth in the top 40 global economies, 1990–2019



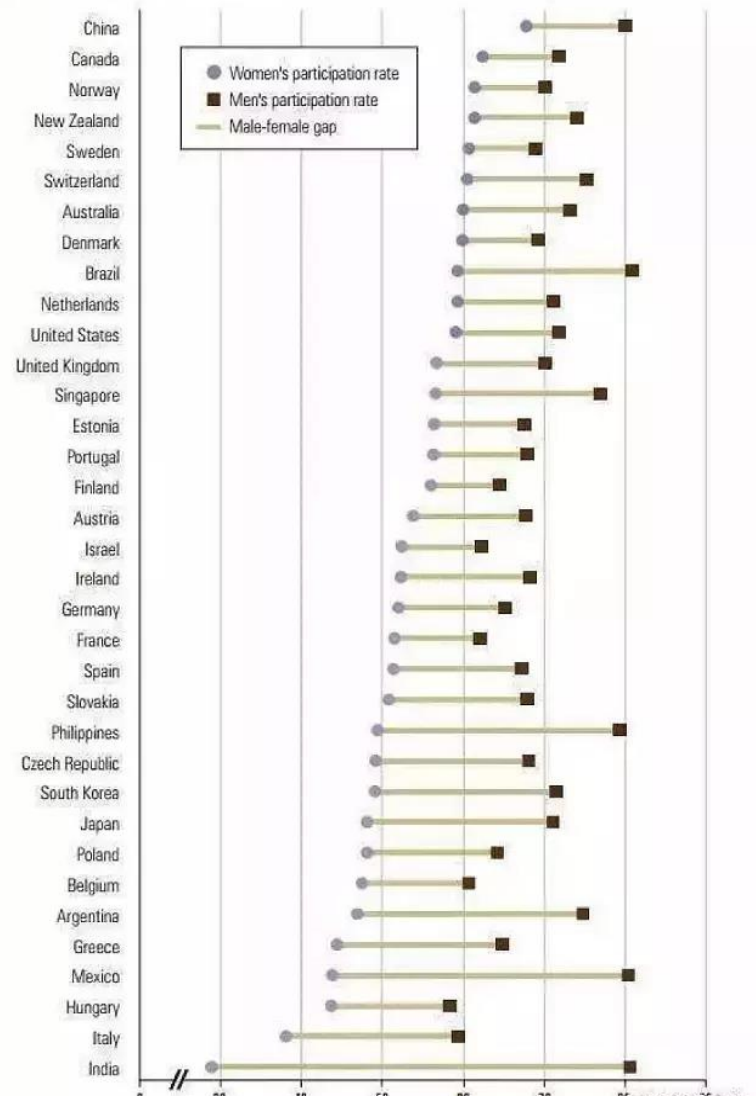


Large Population (Demographic dividend)



the advantage or a burden?

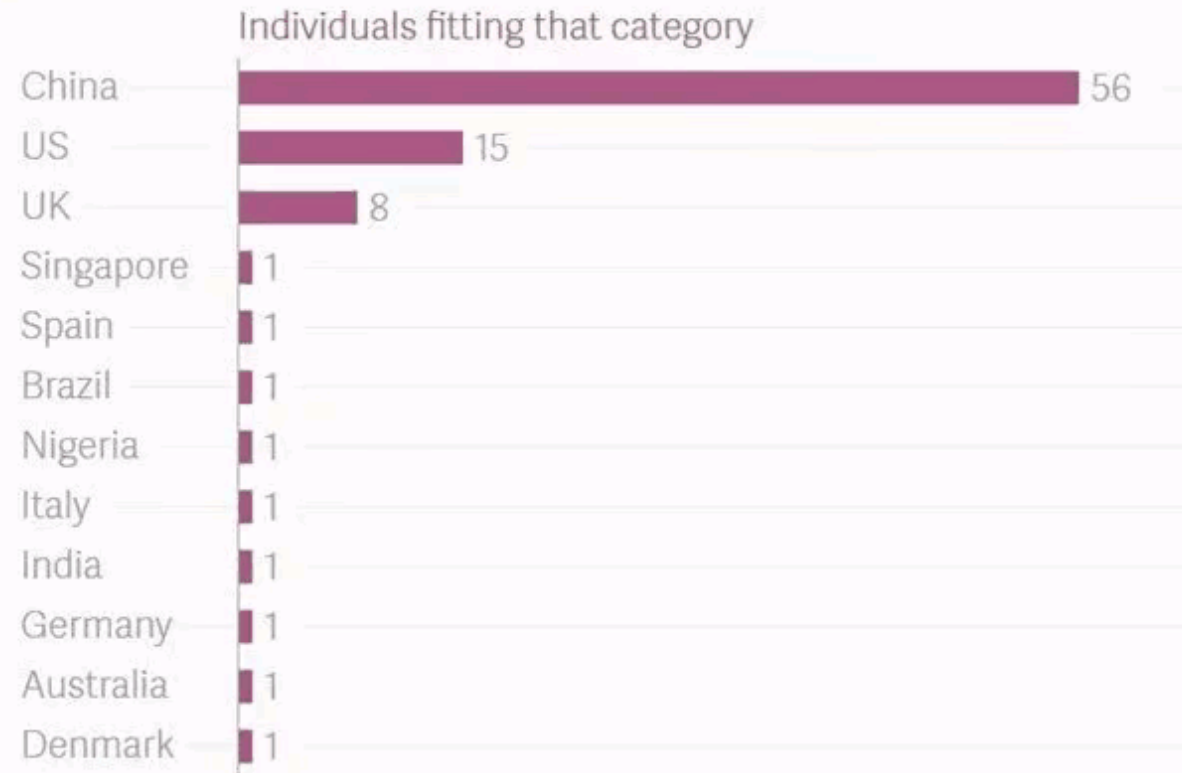
Labor force participation rates by sex, selected countries, 2010



- China's workforce of working age was 940m.
- About 440m people are employed in the city.
- There are about 330m in rural areas.
- China has reached a staggering 82%, ranking first in the world.

Women in China have the most room for development

China has the most self-made female billionaires

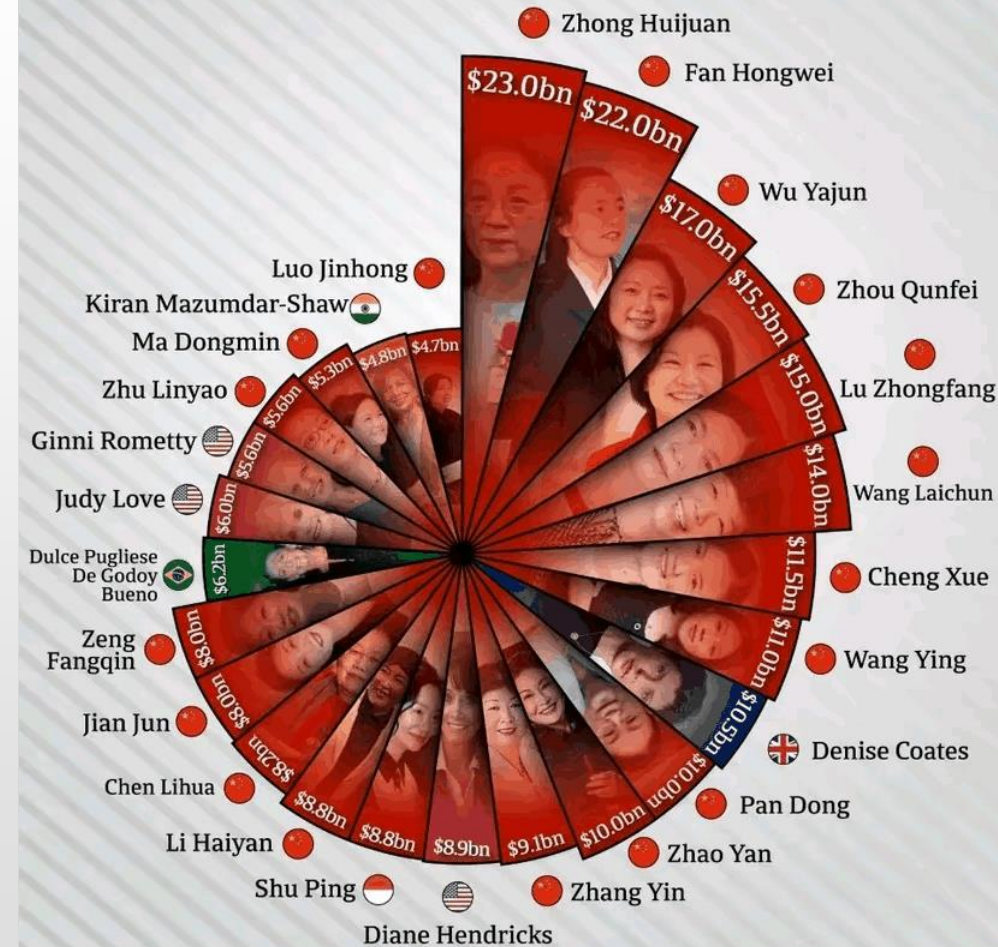


ATLAS | Data: Hurun Research

Share

Top 25 Richest Self-Made Women in the World

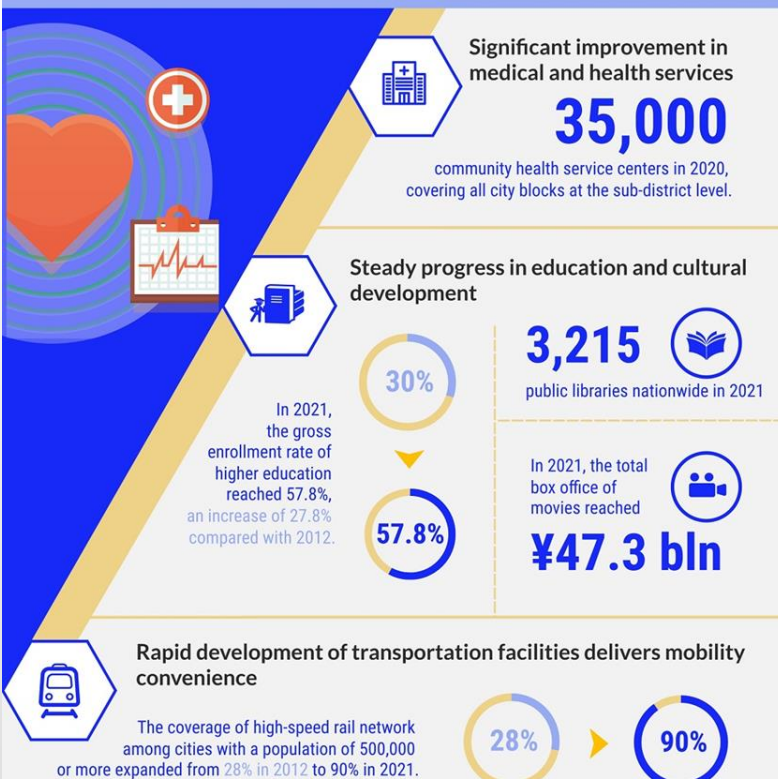
Below we look at the world's top 25 richest self-made women as of 2021



Sources: Hurun.net

NEW URBANIZATION STRATEGY ENHANCES QUALITY OF CITY DEVELOPMENT

III. Improved public services in cities



Mobile phone-based ride-hailing services have now covered more than



300 cities

Share bicycles are available in more than



300 cities





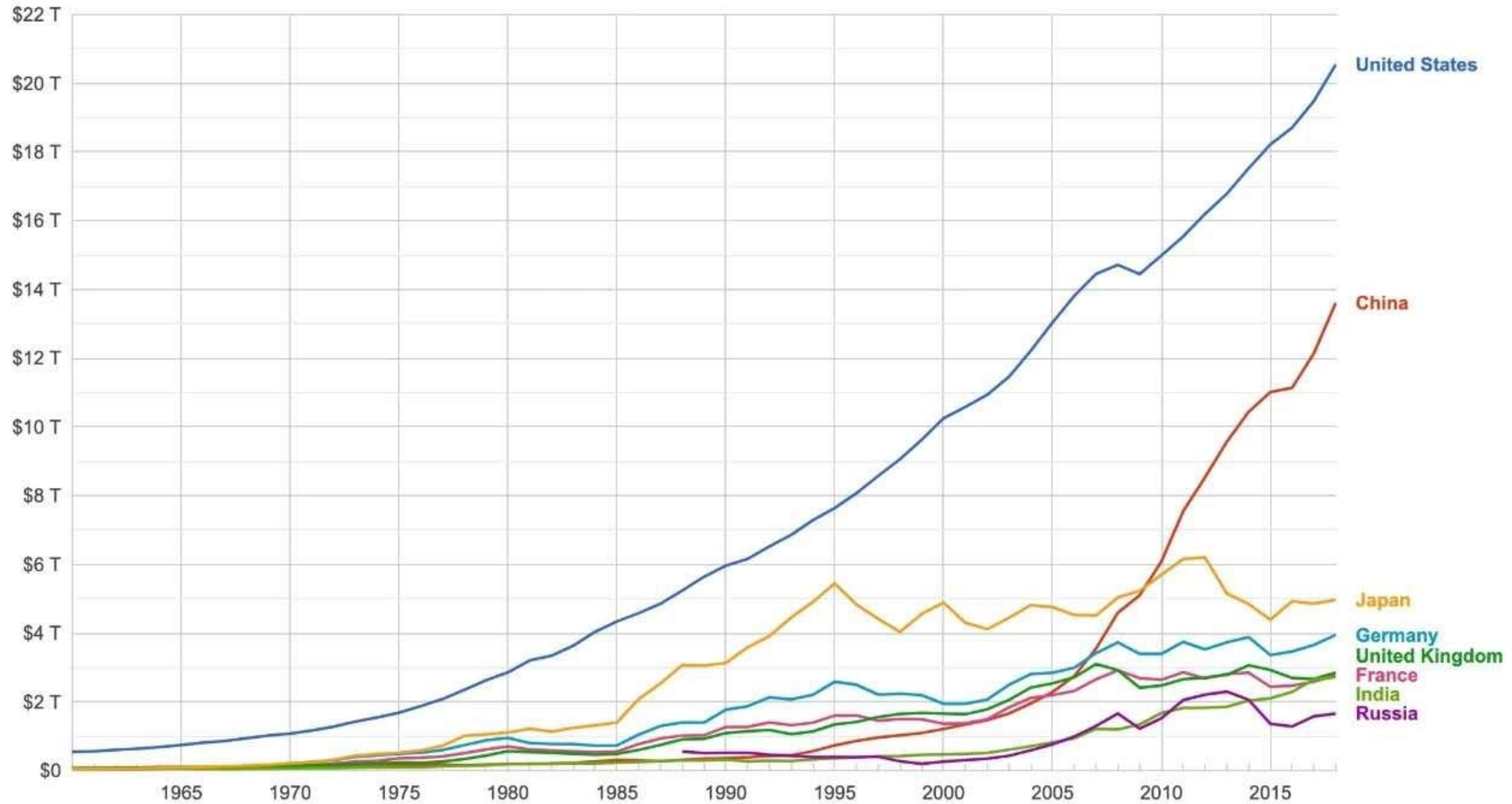
The experience of urbanization

- Maintain the healthy development of agriculture and rural areas (农村、农业、农民)
- Selecting talents from the countryside to go to the cities.
- 1Billion people: 10 million urban jobs are created every year.
- the urbanization rate increased by 1% point every year in last 45 year.

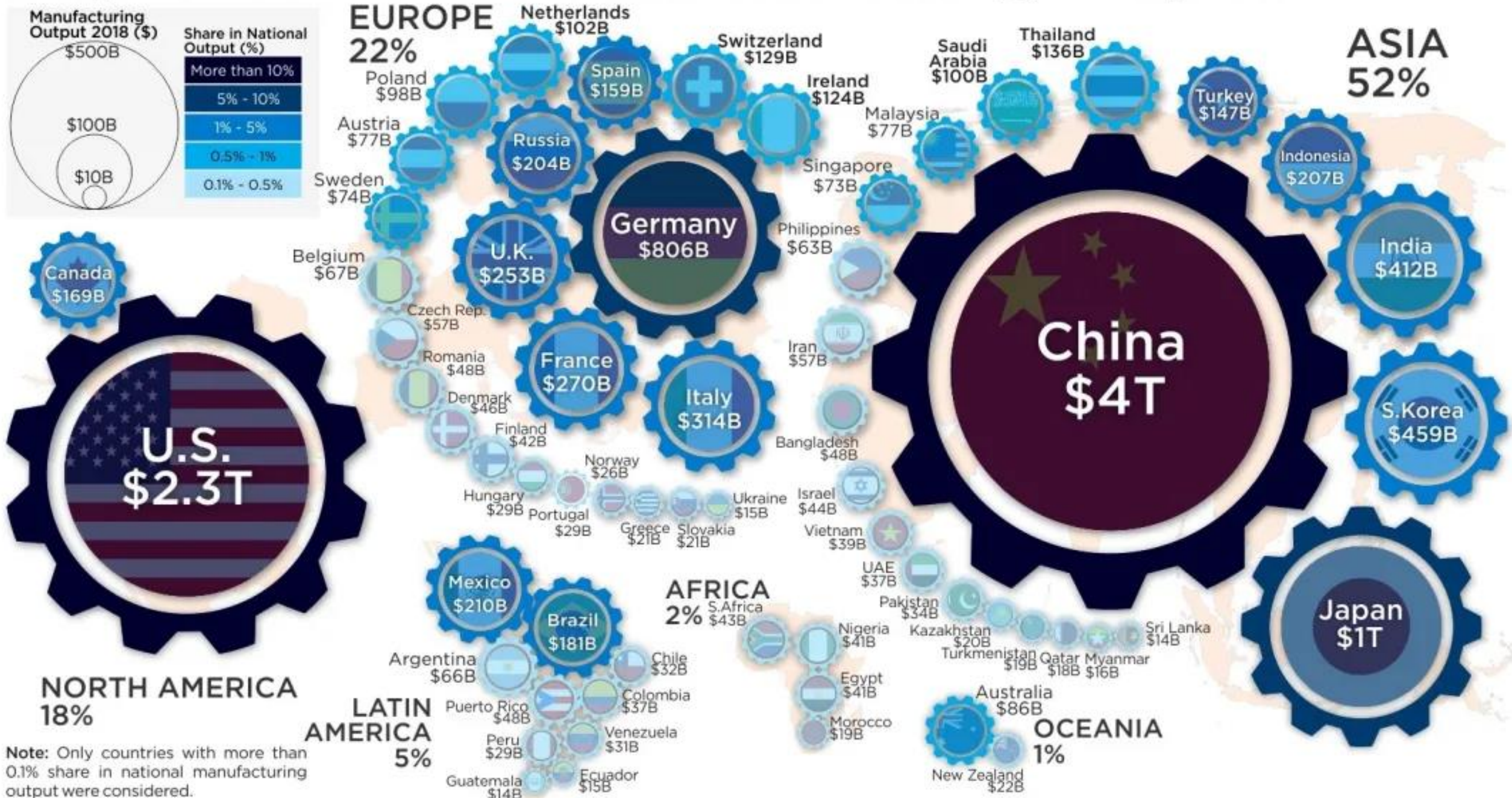
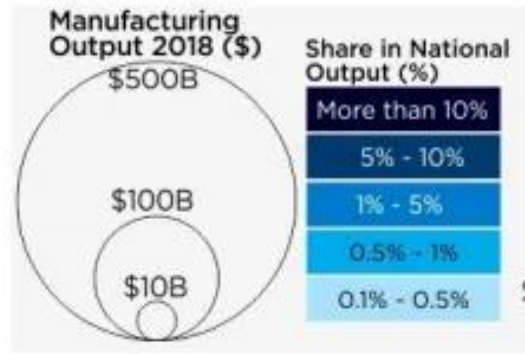


A systematic urbanization strategy has enabled China to develop industry, housing, education, medical care, and transportation in the process of urbanization, creating a large number of business opportunities.

Gross Domestic Product ?



Map of the World's Manufacturing Output



Note: Only countries with more than 0.1% share in national manufacturing output were considered.

Beijing: 1950- 2020



1994



2022



头像@世界趣生活

Shanghai 上海

shenzhen
深圳
2018/1990



冯成芳 / 摄于 2018 年



© 世界椰生活



Army Show



Cash/ payment

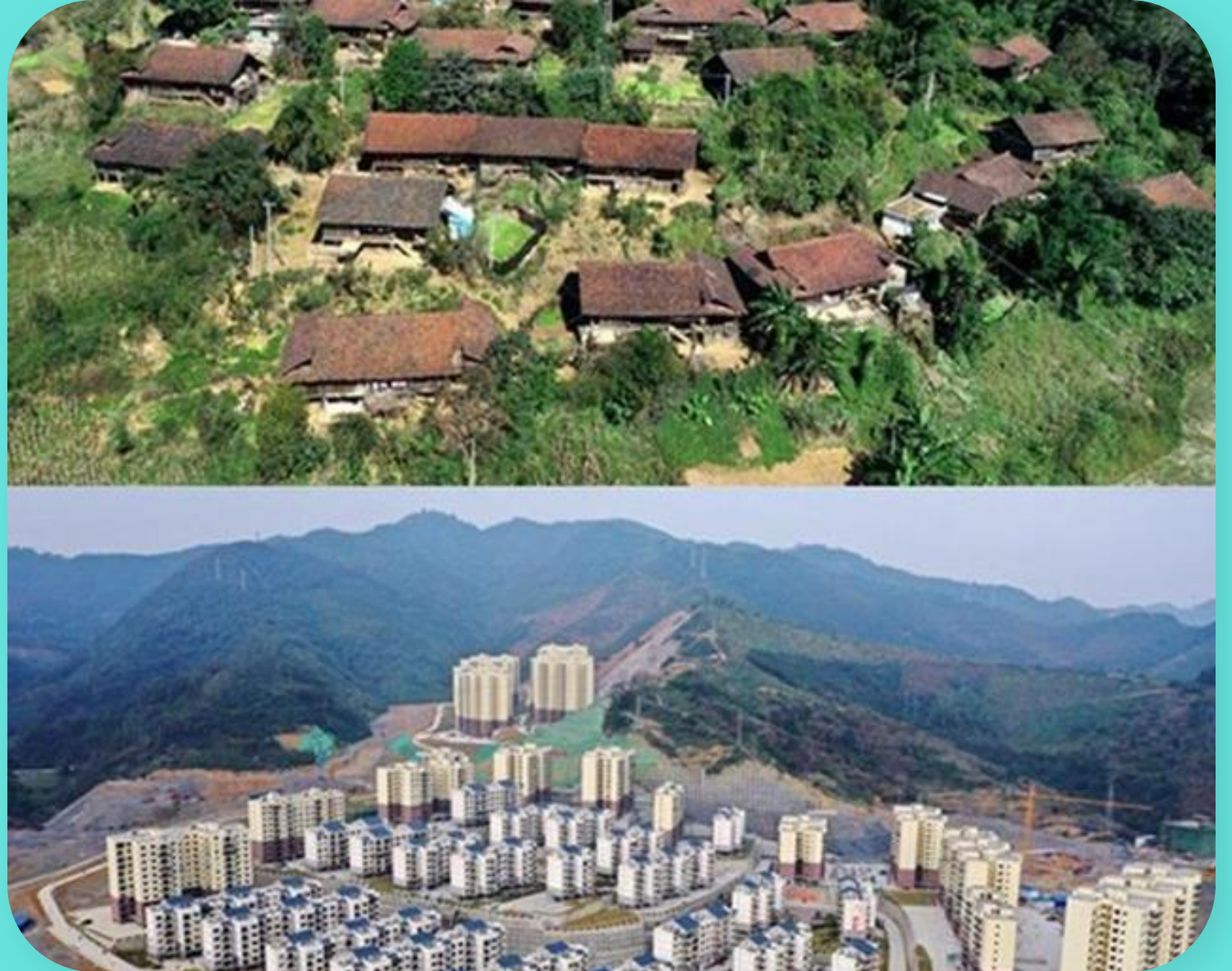


“

Transportation



Housing



Clothes



Chinese path to modernization: 5 features

01

China's modernization will be shared by a large population,

02

features common prosperity of all its people

03

coordinate material and cultural-ethical progress,

04

harmony between humanity and nature

05

peaceful development.

**1- China' s
modernization
will be shared
by a large
population**





Size and Population



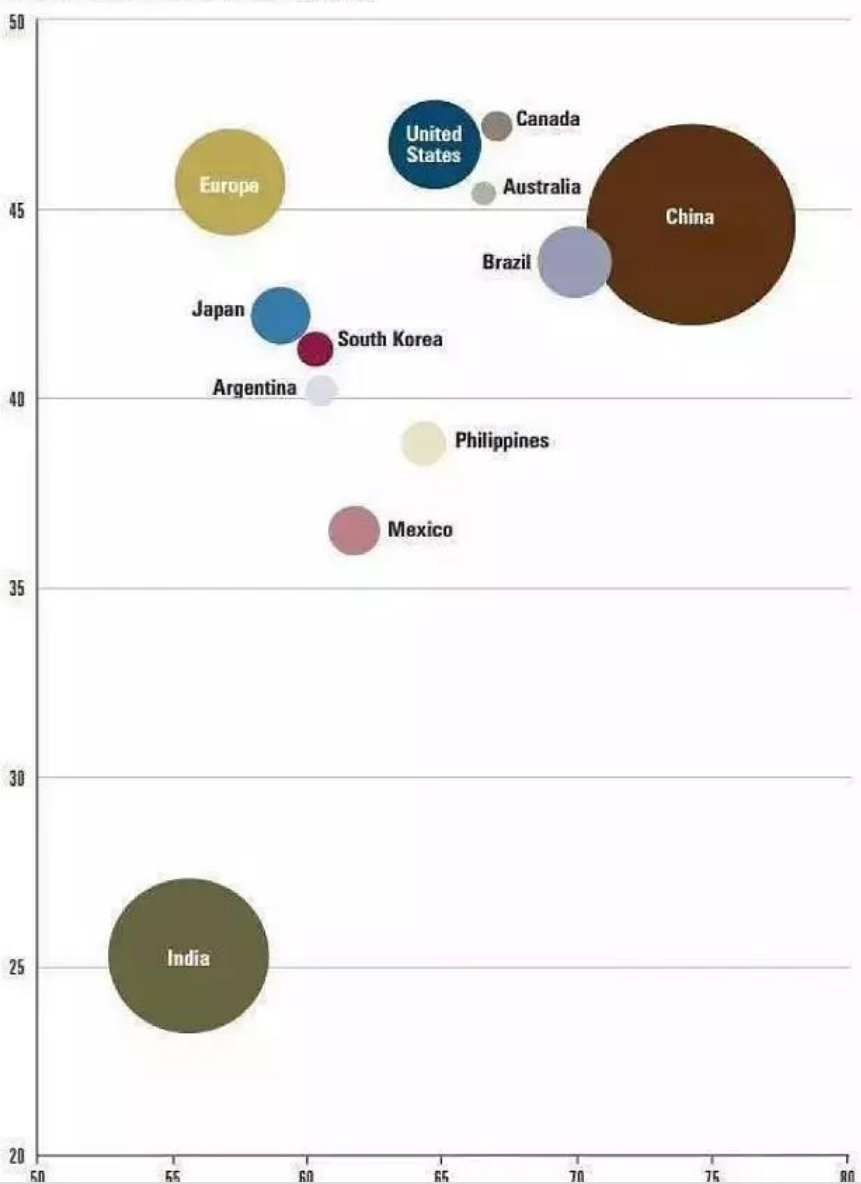
- With an area of about 9.6 million km², the People's Republic of China is the 3rd largest country in total area behind Russia and Canada, and very similar to the United States.
- China stretches some 5,026 kilometers across the East Asian landmass.
- China is bordered by seas and waters eastward, with the Bohai Sea (inner sea) , Yellow Sea, East China Sea, South China Sea, and bordered by landmasses on its 3 other sides, from North Korea to Vietnam.
- 1.4 billion (2022), 18.5% of the world population (13.4b, 2010)

Country	1000 Km2	Population
---------	----------	------------

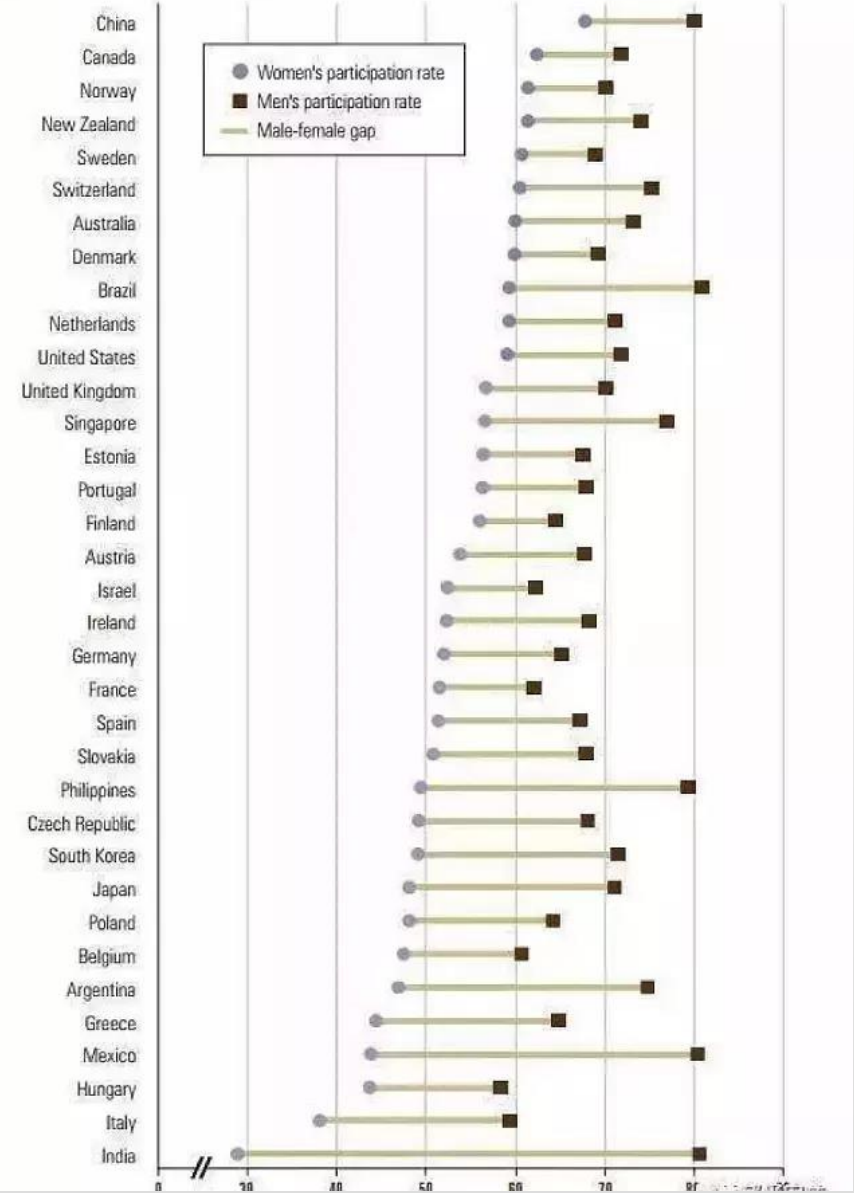
• 1. Russia	17,075	143 million
• 2. Canada	9,971.3	37 million
• 3. China	9,601.4	1.4 billion
• 4. the USA	9,364.5	317 million
• 5. Brazil	8,547.6	200 Million
• 6 Australia	7,741.7	20 million
• 7. India	3,288.0	1.41 billion
• 15 Indonisia	1,905	253 million
• 60 Japan	378	127 million
• 61 Germany	357	82 million
• 76 the UK	245	660 million
• 106 Korea	109	51 million
• 129 Netherlands	4.1	17.2 million

Labor force size, gender composition, and participation rates, selected countries, 2010

Women's share of the labor force (percent)



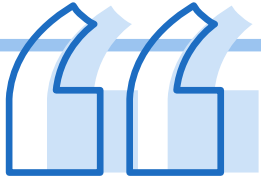
Labor force participation rates by sex, selected countries, 2010



世界各国各年龄层的劳动参与率，中国达到惊人的90%，位列世界第一。

2- Common prosperity of all its people



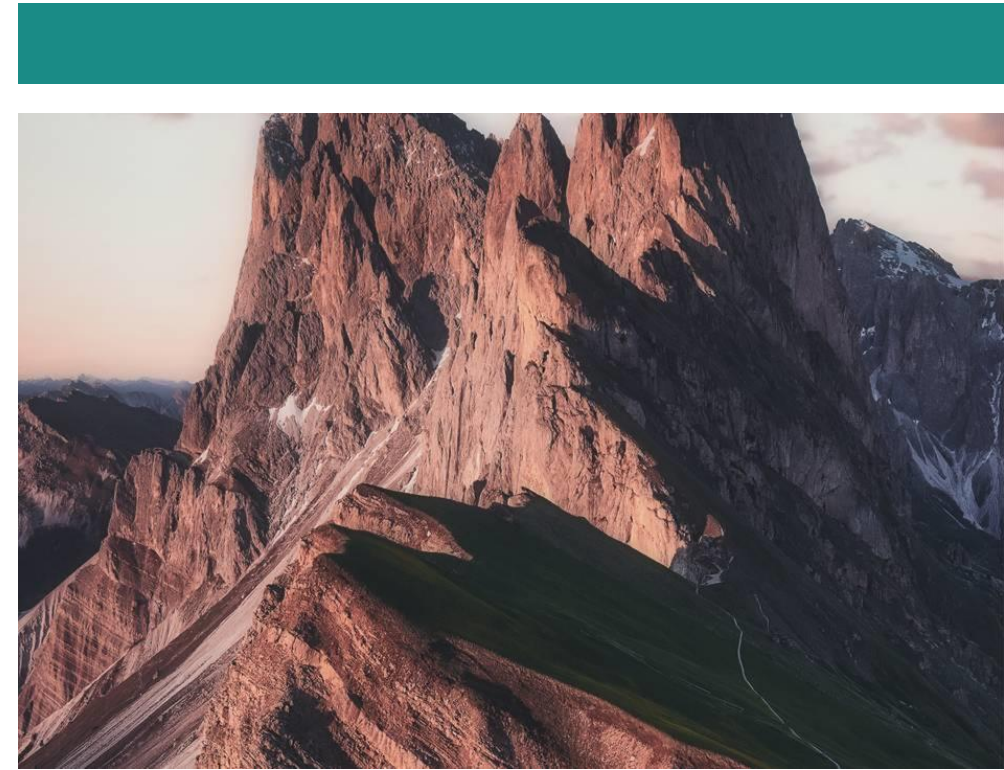


Natural Resources

- China is not abundant in natural resources.
- Energy: too much Coal, not much crude oil.
- hydropower potential
- Rare Earth.
- Other major minerals are aluminum, bauxite, coal, crude petroleum, diamonds, gold, iron ore, lead, magnetite, manganese, mercury, molybdenum, natural gas, phosphate rock, tin, uranium, and vanadium.



3- coordinated material and cultural- ethical progress



4- harmony between humanity and nature





Science

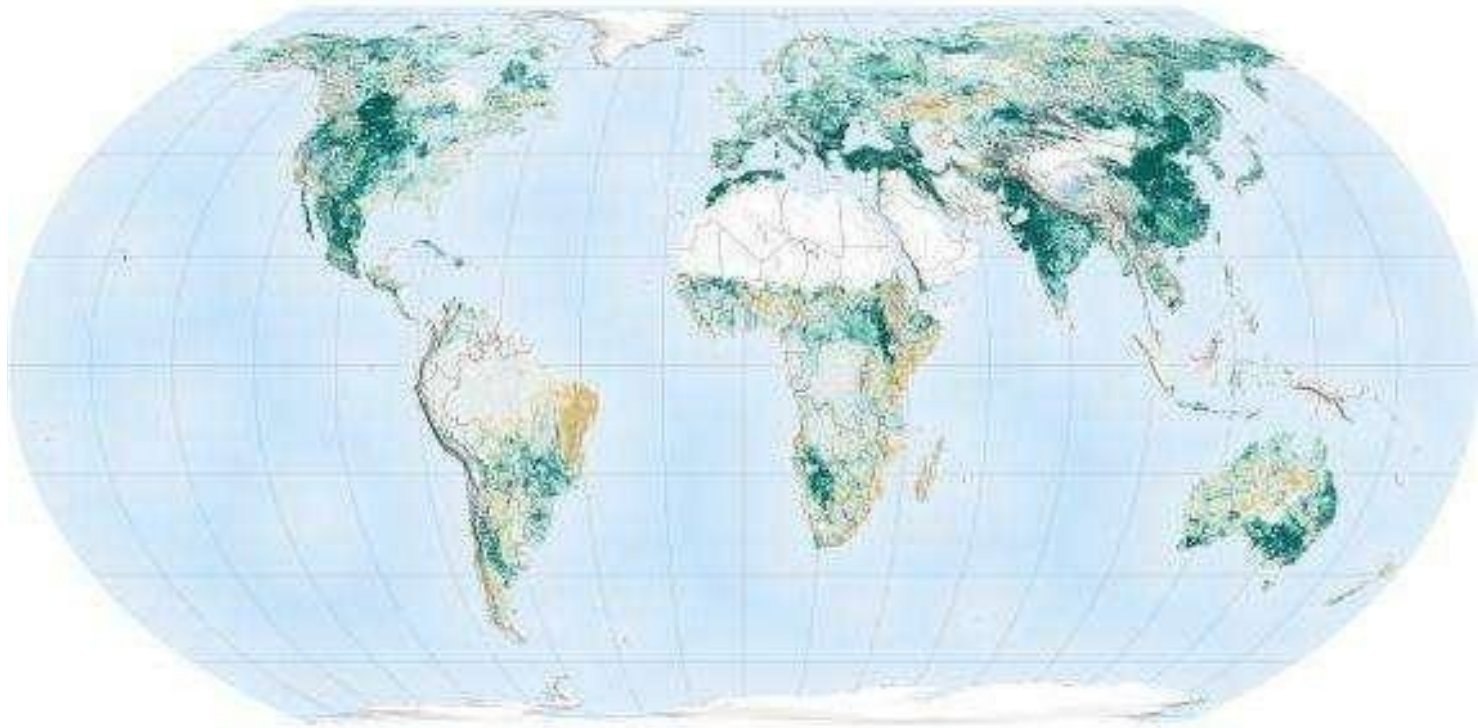
Climate change: China's forest carbon uptake 'underestimated'

By Jonathan Amos
BBC Science Correspondent

🕒 28 October

The pattern of large-scale and rapid afforestation has led to an annual increase of 40000 to 440000 hectares of forest area at the provincial level in the past 10 to 15 years.

NASA：中国是全球变绿的重要力量



According to data from NASA's Earth satellite, afforestation and agricultural activities in China and India dominate the process of the Earth turning green. Satellite data (2000-2017) shows that the green belts in China and India are very prominent, overlapping with farmland around the world.

in 1949 China forest coverage rate of only 8.6% and a forest area of only over 80 million hectares. After more than 70 years of unremitting afforestation, China's forest coverage has increased by more than 1.6 times, reaching 23.04% by the end of 2020, and the forest area has reached 220 million hectares. "From 1949 to the beginning of the reform and opening up, China's average annual forest area increased by about 1000 square kilometers; over the past 40 years of reform and opening up, the average annual forest area increased by more than 2500 square kilometers." Pan Jiahua, member of the Academic Department of the Chinese Academy of Social Sciences and director of the Center for Sustainable Development Research, said.

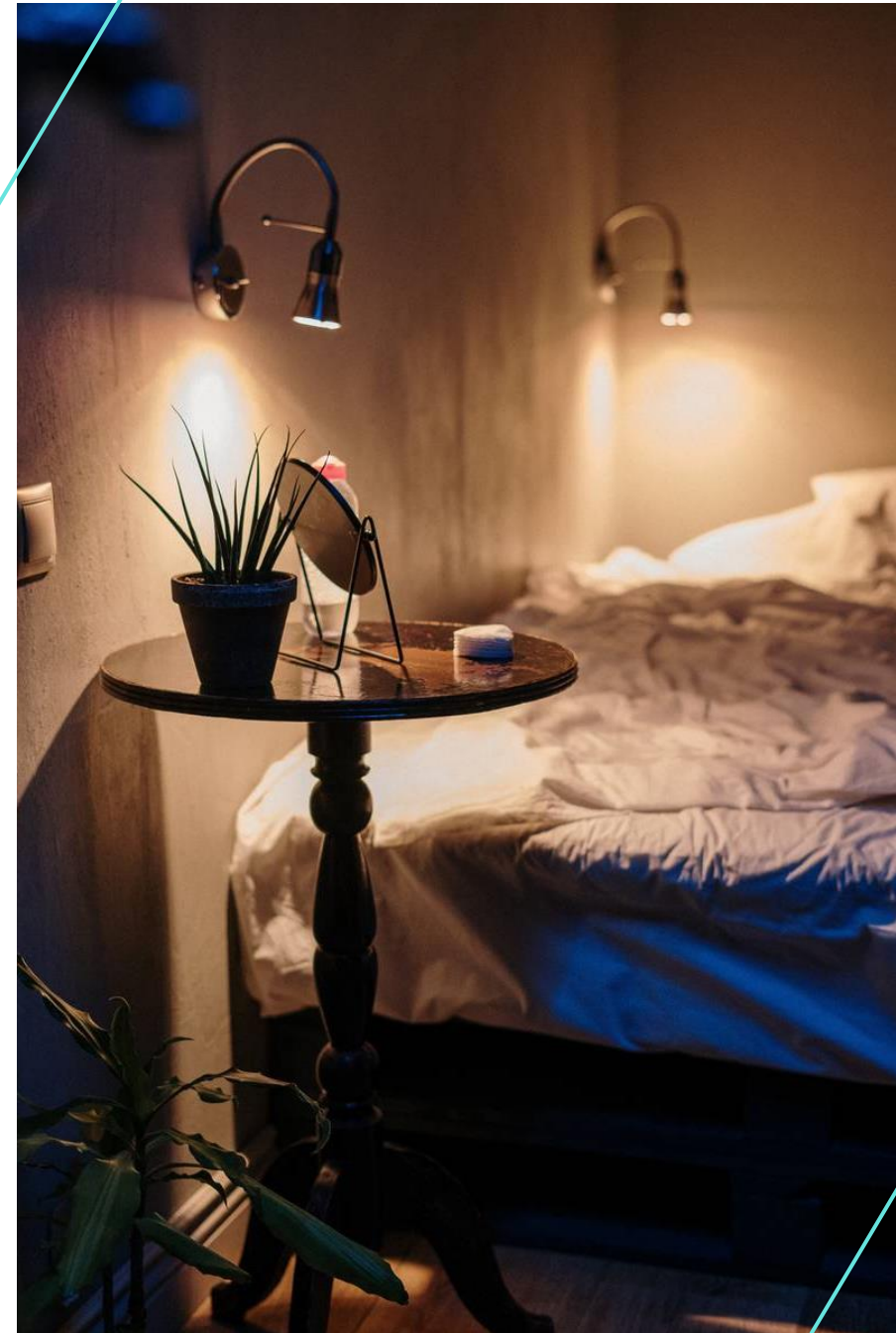


5-peaceful development.



Chinese people love peace.

- In whole history, no colonies.
- China needs a lot of things, China buy things.
- China never threatens other countries, always adheres to peaceful resolution and joint development when dealing with disputes



Contrast to other big countries:

1. Chinese buy and sell but never rob and force.
2. If you are not willing to do business with the Chinese, they will leave and maybe come back later, but they will not subvert your government and sanction your country.
3. The quality of Chinese products is good and the price is affordable.

at the table or on the menu

China: a Community with a Shared Future for Mankind



People love fair trade



End of section 2