

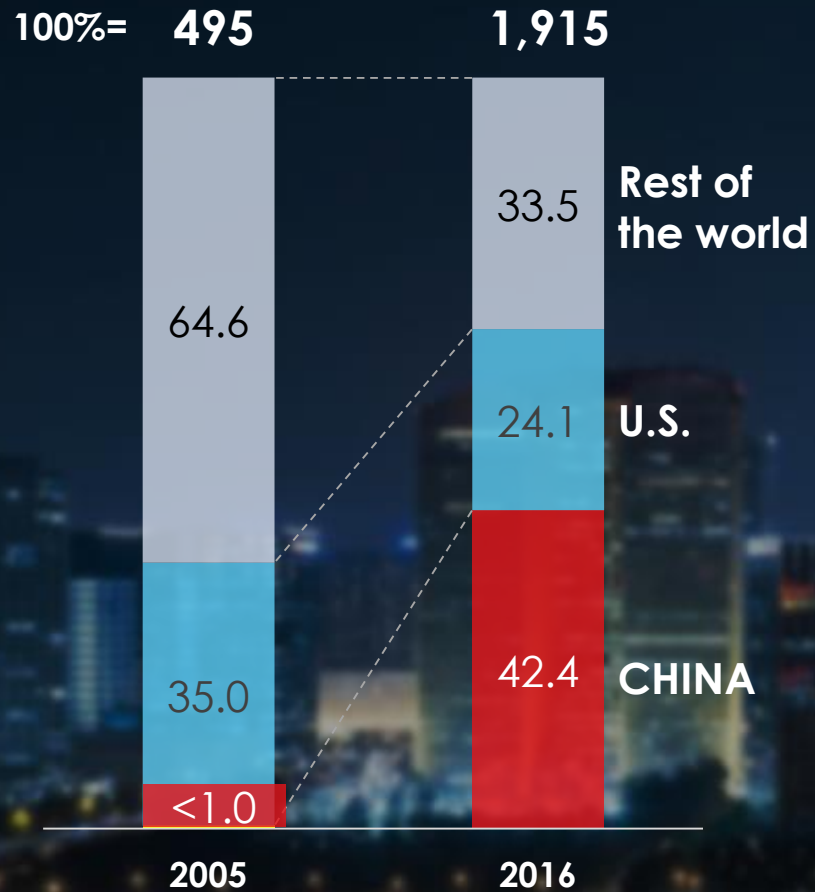
CHINA'S DIGITAL TRANSFORMATION

AN ANALYSIS FROM A
**SOCIO-ECONOMIC
PERSPECTIVE**



CHINA IS A LEADING COUNTRY IN DIGITAL ECONOMY

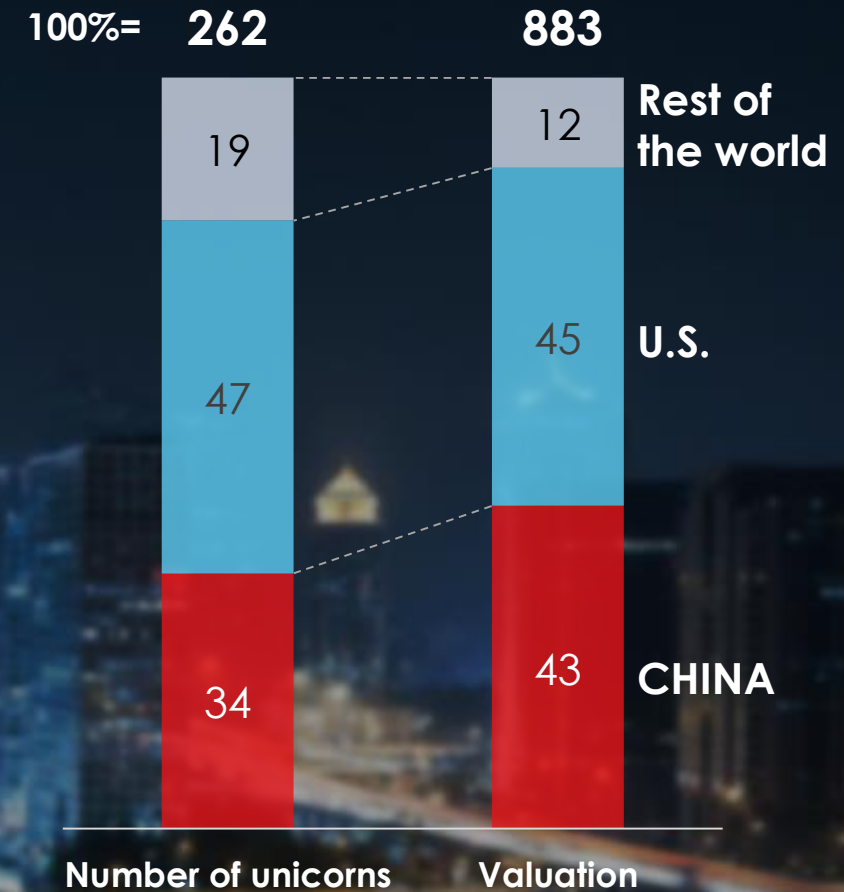
Retail E-commerce Transaction Value
%, \$ billion



Mobile payments, 2016
\$ billion

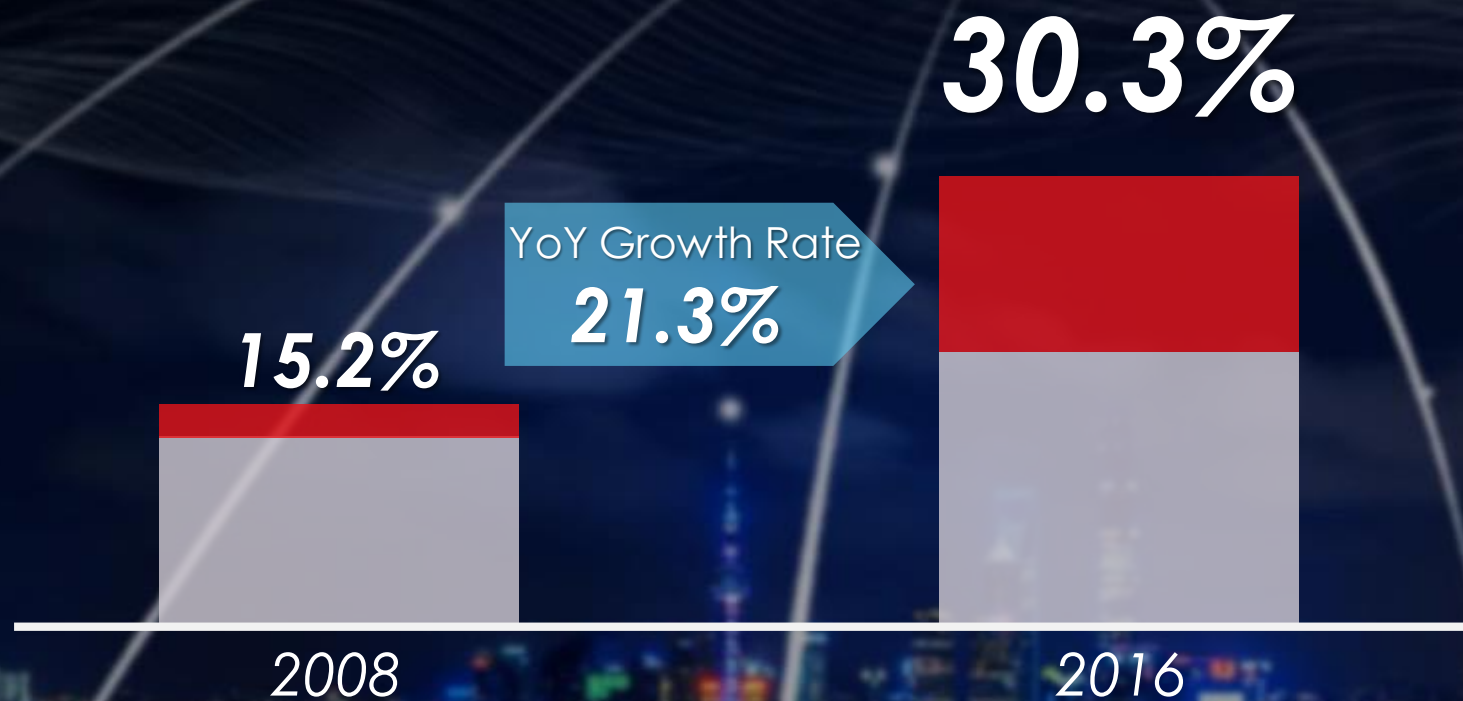


Global unicorns, June 2016
%; number; \$ billion



CHINA'S DIGITAL PORTION OF THE GDP

- Digital Economy
- China's GDP



THE BASIC FEATURES OF DIGITAL ECONOMY


The digital economy refers to a broad range of economic activities that includes using digitized information and knowledge as the key factor of production, modern information networks as the important activity space, and the effective use of Information and Communication Technology (ICT) as an important driver for efficiency-enhancing and economic structural optimization.

G20 Digital Economy Development and Cooperation Initiative

Hangzhou, China, 2016

THE DIGITAL COMPONENTS OF THE GDP

 The integrated component

 The ICT portion
*(tech sector, such as Information Technology,
telecommunication, the internet sector)*





“No pure internet enterprise will exist in future society.

All “traditional” industries and enterprises will have the genes of the internet, and the border of digital economy and real economy will vanish at last.”

“未来的社会将不会再有纯粹的互联网企业，所有的“传统”产业和企业都将融入互联网的基因，数字经济与实体经济的分野，终将消失。”

——Huateng Ma

Chairman of the Board and CEO

TWO FUNDAMENTAL INGREDIENTS

SUPPLY SIDE

**DIGITAL
INFRASTRUCTURE**

**MASSIVE USER
ADOPTION RATE**

GOVERNMENT AS A POLICY MAKER, INVESTOR, INNOVATOR, AND CONSUMER

1994.4
The National Computing and Networking Facility Project

2000.4
4 Major network: CSTNET, CHINANET, CERNET, CHINAGBNET realized interconnection

2009.11
The "Internet of Things" strategy

2013.12
The birth of the "4G" era

2017.8
The State Council launched "AI Development Plan"

2000
The birth of China's **Mobile Internet**

2009.1
The birth of the "3G" Era

2013.8
The "Broadband China" strategy

2015.3
The "Internet Plus" strategy is Proposed in Government Work Report

“INTERNET PLUS”




Government

Big data



Health Care

Cloud Computing



Entertainment



Manufacturing Industry



Tourism



Transportation



Finance

Artificial Intelligence



Education



Business

Internet of Things



Agriculture

CHINA'S UNIQUE INTERNET ECOSYSTEM



中华人民共和国信息产业部

CONNECTING EVERYTHING, EMPOWERING EVERYONE
连接一切，赋能于人

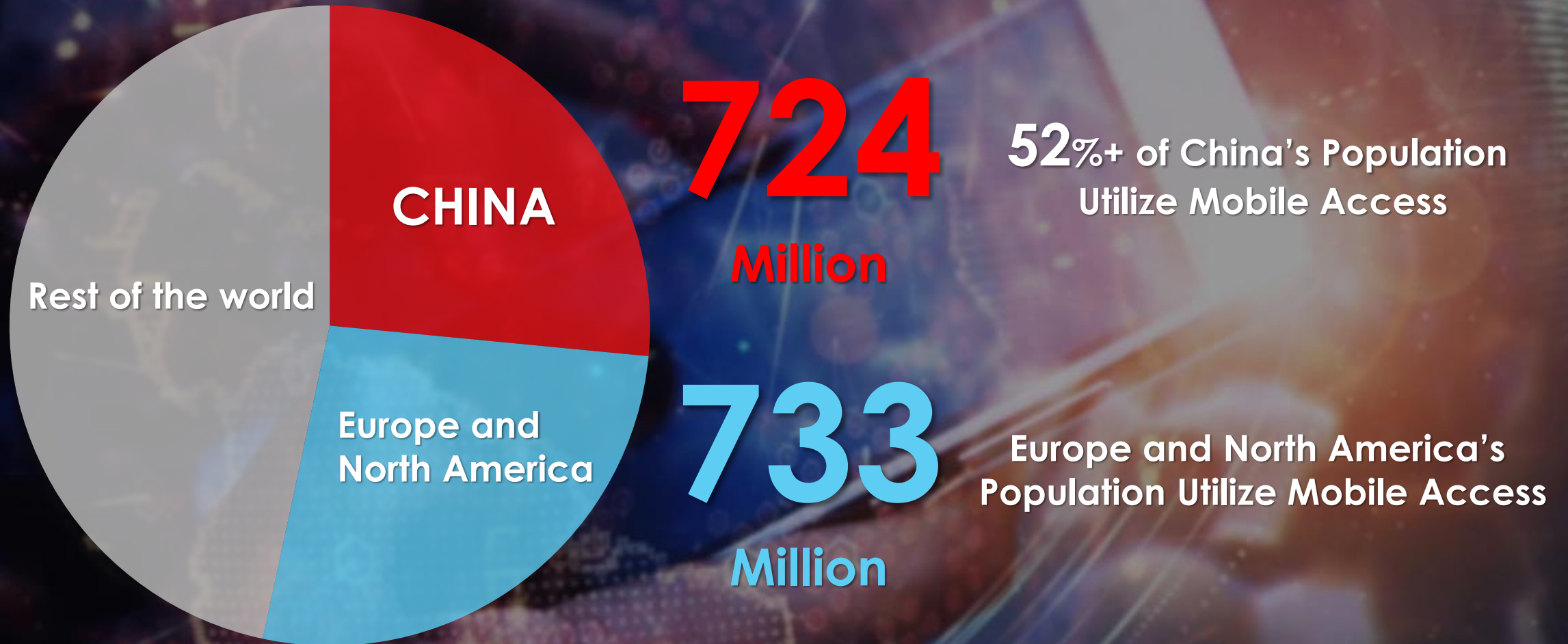
Tencent 腾讯

TWO FUNDAMENTAL INGREDIENTS

SUPPLY SIDE
DIGITAL
INFRASTRUCTURE

DEMAND SIDE
MASSIVE USER
ADOPTION RATE

CHINA IS THE WORLD'S LARGEST MOBILE MARKET



FROM A "TREND FOLLOWER" TO A GLOBAL "TREND SETTER"

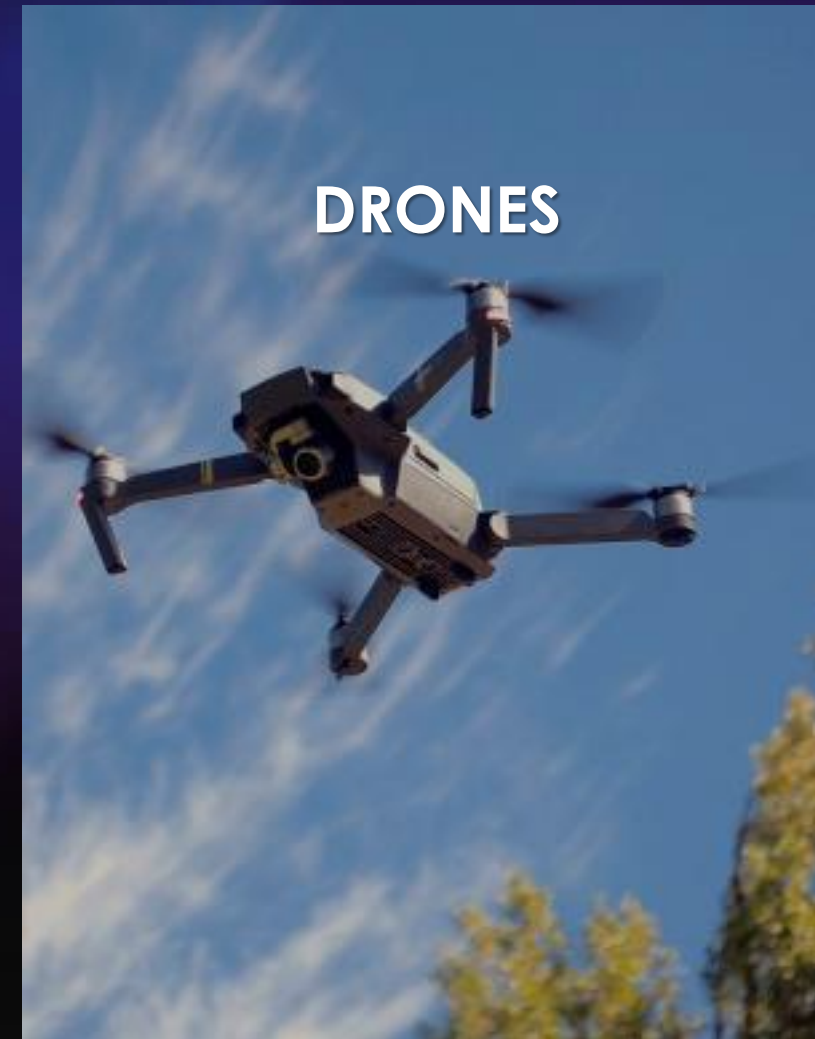
BIKE-SHARING



CASHLESS LIFESTYLE



DRONES





A futuristic cityscape at night, featuring several tall, rectangular buildings with glowing outlines and windows. The sky is dark and filled with numerous bright, colorful stars and nebulae, creating a vibrant, digital atmosphere. The buildings are illuminated with various colors, including blue, purple, and red, and their windows are lit up, suggesting a bustling, advanced urban environment.

“WE BUILT THIS COUNTRY WITH ONES AND ZEROES!”

THE DIGITAL CIVILIZATION

The Stone Stool Civilization

The Agricultural Civilization

The Industrial Civilization

The Digital Civilization



Unsettled

Settled & Self-sufficient

Mechanical Production

Mass Production

Globalization of People, Capital and Products

PC and Internet

Globalization of Data

~12,000 BC

12,000 BC-1760

1760-1840

Late 19th Century
Early 20th Century

1960s

1980s

21st Century

HOW TO MEASURE THE DIGITAL ECONOMY ?

TECHNOLOGY EVANGELIST VIEW ON GDP

- **A PARADOX OF DIGITAL CIVILIZATION**

Lorenzo Fioramonti

**THE
WORLD
AFTER**

GDP

TECHNOLOGY EVANGELIST VIEW ON GDP

- **A PARADOX OF DIGITAL CIVILIZATION**
- **A COMPASS TO THE NEW CIVILIZATION**

CHALLENGES OF GDP FROM THE HISTORICAL PERSPECTIVE

● Environment Damage

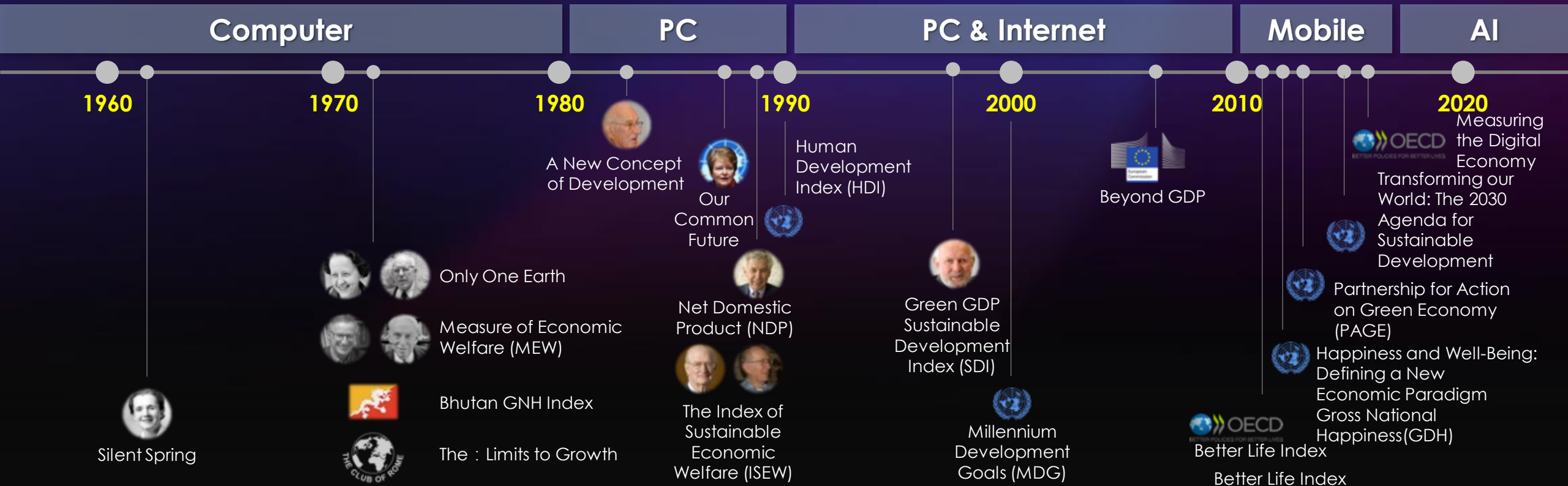
- Costs caused by pollutions
- Costs caused by environmental damage
- Loss of biodiversity
- ...

● Happiness and Welfare

- Value of leisure time
- Value of unpaid work
- Social welfare
- ...

● Role of Digital

- Digital changes in production
- Digital changes in consumption
- Growth in consumer welfare
- ...



TECHNOLOGY EVANGELIST VIEW ON GDP

- **A PARADOX OF DIGITAL CIVILIZATION**
- **A COMPASS TO THE NEW CIVILIZATION**
- **AN INTEGRATION OF HOPE**

“OF THE PEOPLE, BY THE PEOPLE, FOR THE PEOPLE”

“为人民谋幸福”

Tencent



2017腾讯WE大会

若有光

FUTURE AND NATURE



剑桥大学物理学教授
著名宇宙学家
霍金 (独家视频演讲)



腾讯首席探索官
腾讯集团高级执行副总裁
David Wallerstein



斯坦福大学神经学教授
老年疾病研究专家
Tony Wyss-Coray



中国科学院院士
图灵奖获得者
钱群智



解决世界性问题的
未来发明家
Pablos Holman



突破之星执行董事
前NASA-ARC主任
Pete Worden



癌症研究科学家
UCSD教授
张彦



施普林格·自然中国区
科学总监
Ed Gerstner 印格致



中国科幻作家
第74届雨果奖获得者
陈暮尧



“Travel to outer space. If the human race is to continue for another million years, we will have to boldly go, where no one has gone before.”

—— Stephen Hawking

2017 TENCENT WE



THANK YOU .

