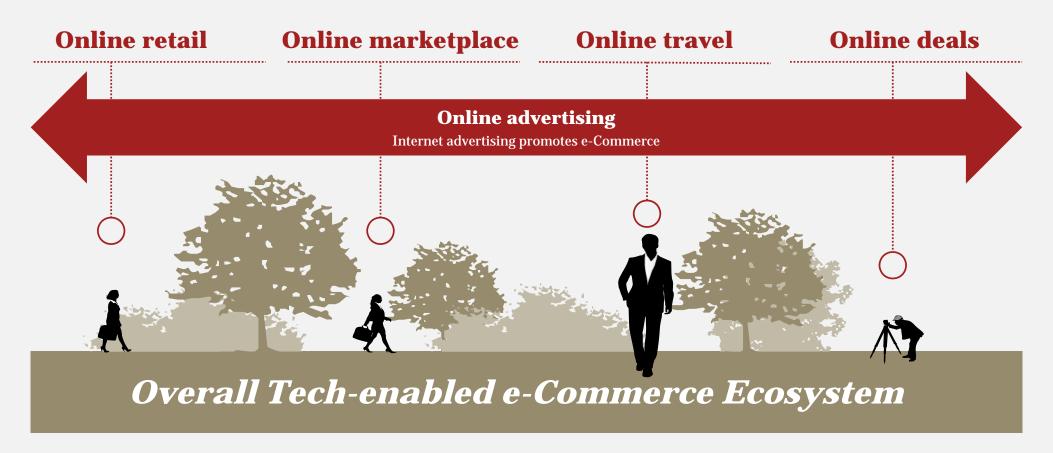
# Global emerging technologies bring a new look to e-Commerce landscape

September 2017

### **Wilson Chow**

PwC Global and mainland China/Hong Kong Telecommunications, Media & Technology (TMT) Industry Leader

### e-Commerce is more than online retail



### B&R demographic is the engine for future growth

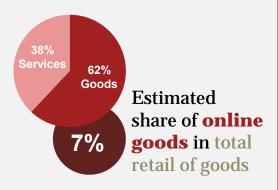
#### **Global B2C e-Commerce turnover by region**

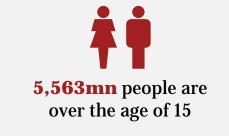


Asia-Pacific	\$1,057bn
N. America	\$644bn
Europe	\$505bn
Latin America	\$33bn
MENA	\$26bn
Others	\$8bn





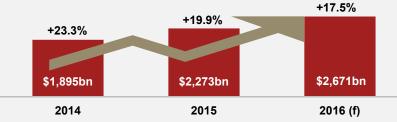






>45% from age 15 to 45 in **B&R** countries\*

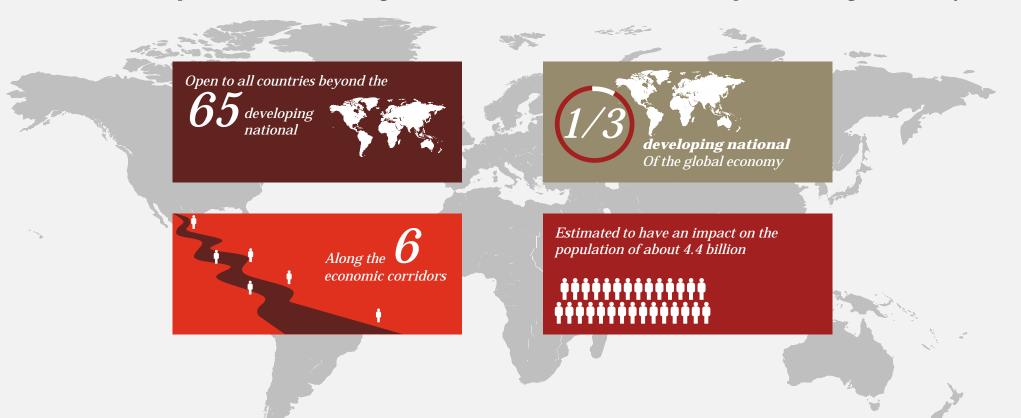
### Global B2C e-commerce turnover



Source: Global B2C E-commerce Report 2016 Colophon — 2015 data in USD. PwC and BMI (B&R countries include China) \*

### Unlocking unique Belt & Road opportunity

It is an endeavour of unprecedented scale, involving 65 countries on six economic corridors, and impacts a third of global economy



#### From Silk Road trade to Belt & Road e-Commerce

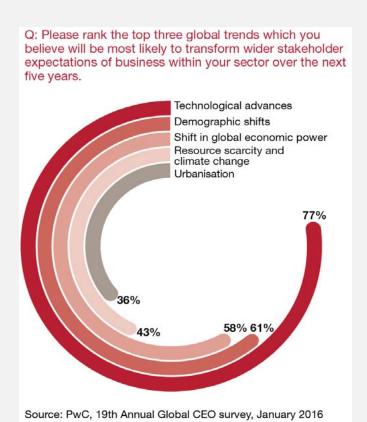
"China's cross border e-commerce market is

**fragmented** along the Belt and Road countries.

There is **no key player** with more than 25% of the total market.

This represents **excellent opportunities** for small and medium enterprises to become dominant in the e-Commerce markets of these countries"

# 77% of CEOs rank technological advances as the most disruptive megatrend





# Emerging technologies are impacting business models and consumers' behaviors, globally

Emerging Technologies AI

Blockchain



IoT



VR





AR

**Drones** 



**Robots** 



**3D Printing** 



Impact on e-Commerce

New Business Models & Rise of Unicorns



Rise of unicorns; new business models powered by technology

**New Payment Methods** 



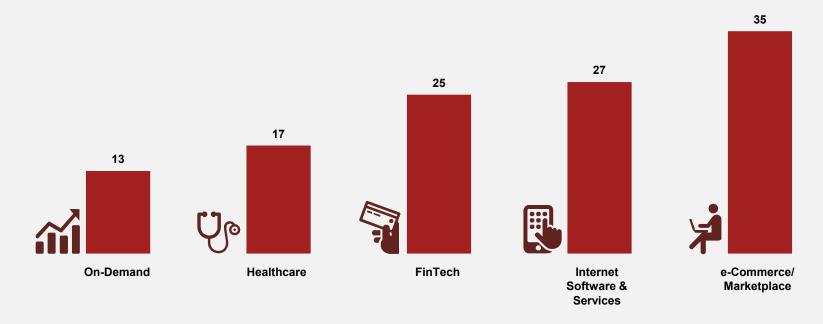
Blockchain to secure transactions; AI to detect and prevent fraud New Mobile Ecosystem



Growth of internet advertising; AI enabled analytics; drones for delivery; AR/VR shopping

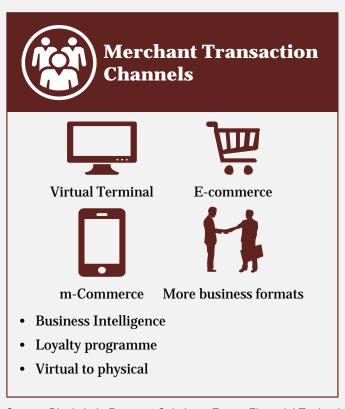
### Rise of Unicorns in e-Commerce market

#### ${\bf Global\ Landscape-Top\ industries}$



Source: CB Insights' The Global Unicorn Club from 30th June, 2017 (Q2 data).

### Blockchain Payment Gateway in e-Commerce





- e-Wallet
- Micro-payment
- Multiple currencies
- Fraud management





**Smartcard Processor** 

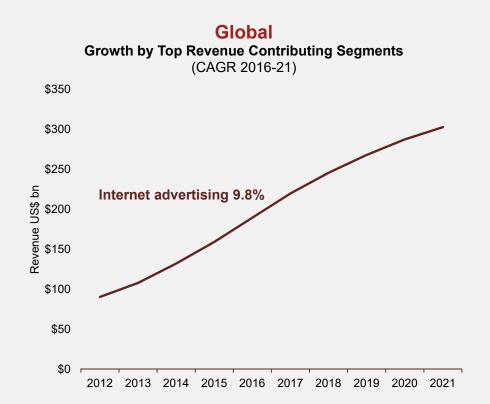


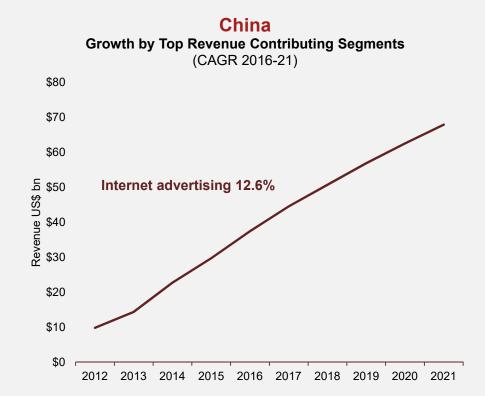
Card Processor

- Intelligent routing
- Merchant portal
- E2E security & tokenisation
- Crypto payment package

Source: Blockchain Payment Solutions, Future Financial Technology

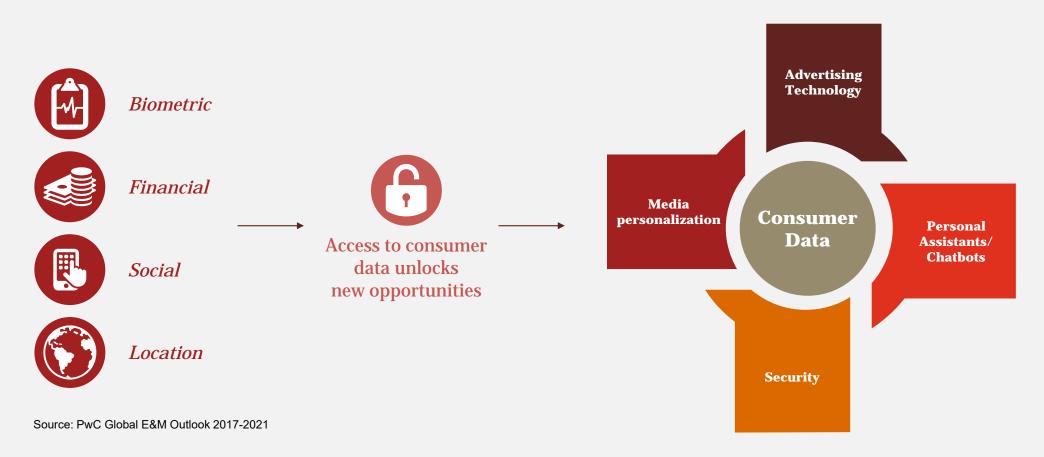
### Internet advertising enables customer acquisition





Source: PwC Global E&M Outlook 2017-2021

### Social media and Emerging technologies as e-Commerce enablers



### e-Commerce growth drivers





## Contact us



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