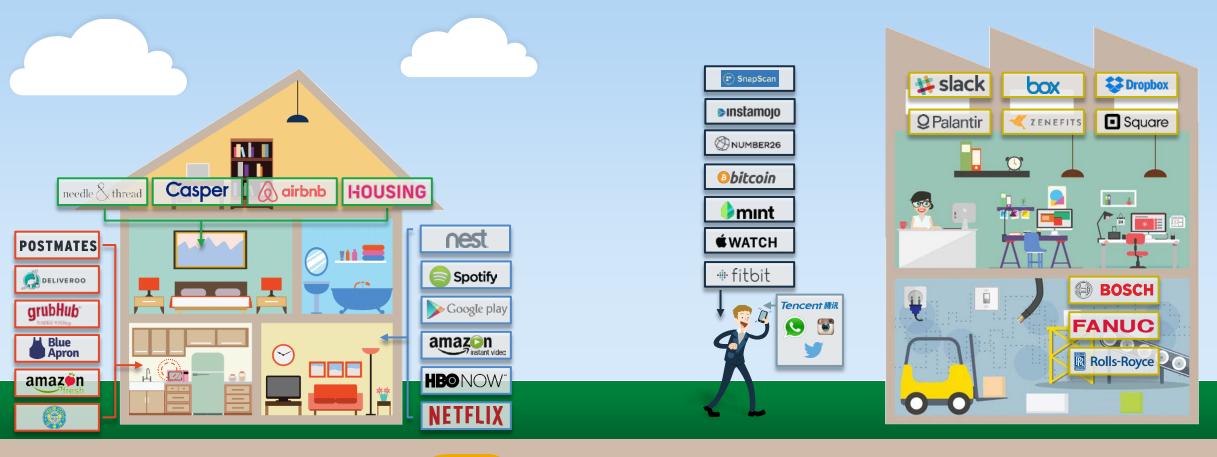
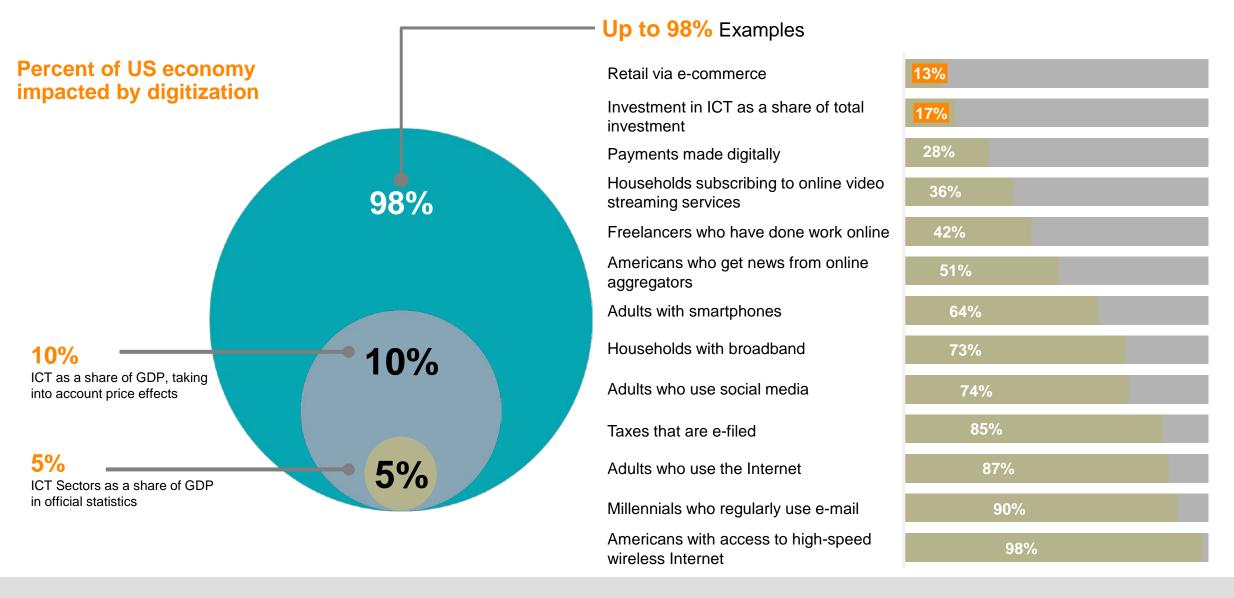


## Digitization of everything





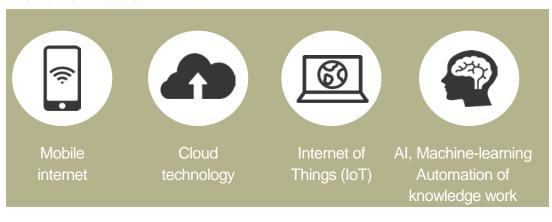
## **Size of the Digital Economy**



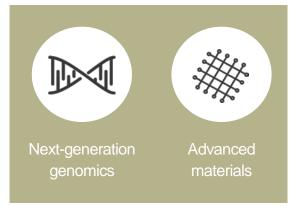
# More to come as more technologies (mostly digital) continue to transform the economy

Disruptive Dozen – Selected for scope and scale over next 10 years

#### IT and how we use it



#### **New building blocks**



#### More...

Blockchain/ Cryptocurrencies

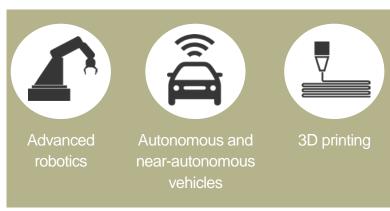
Human-Computer Interfaces (AR, VR etc)

Digital IDs/Biometrics

**Quantum Computing** 

\_ \_ \_

#### **Machines at work**



#### Rethinking energy comes of age



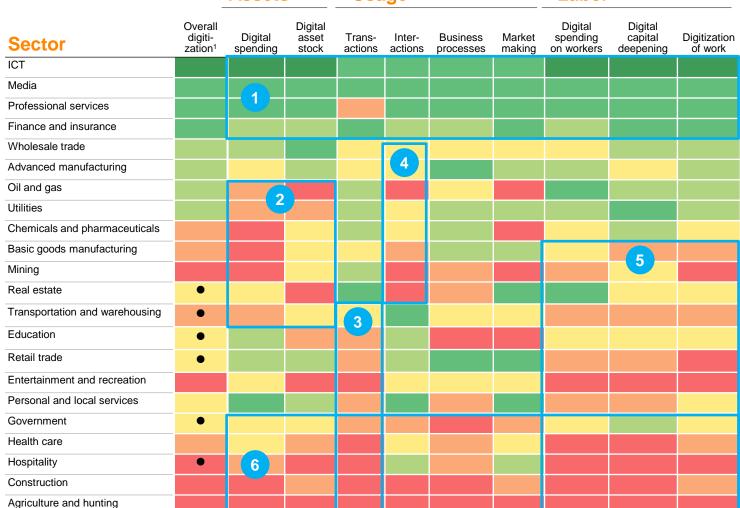


#### **Extent of Digitization varies by sector**

#### MGI Sector Digitization Index

2015 or latest available US data Usage **Assets** 

Labor

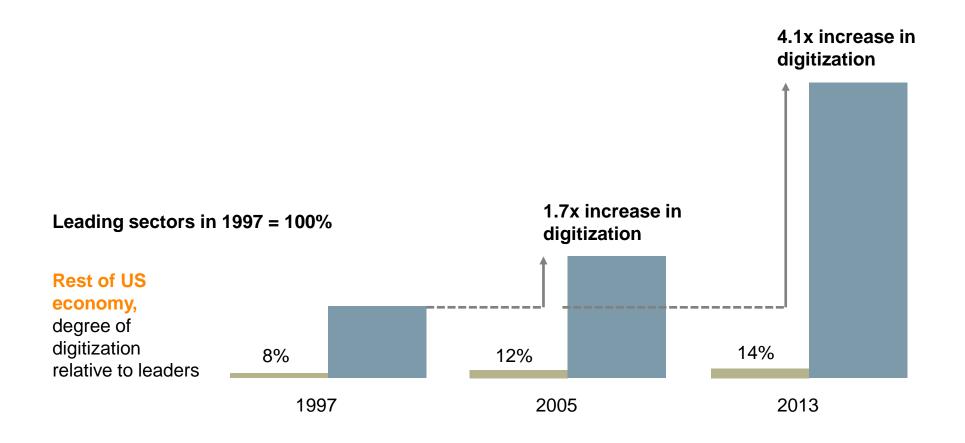




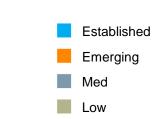
Digital leaders within relatively un-digitized sectors

- Knowledge-intensive sectors, highly digitized
- Capital-intensive, potential to further digitize their assets
- Service sectors with long tail of small firms having room to digitize customer transactions
- B2B sectors with the potential to digitally engage and interact with their customers and users
- Labor-intensive sectors with the potential to provide digital tools and skills to their workforce
- Large, localized, low productivity could transform for productivity and delivery of services

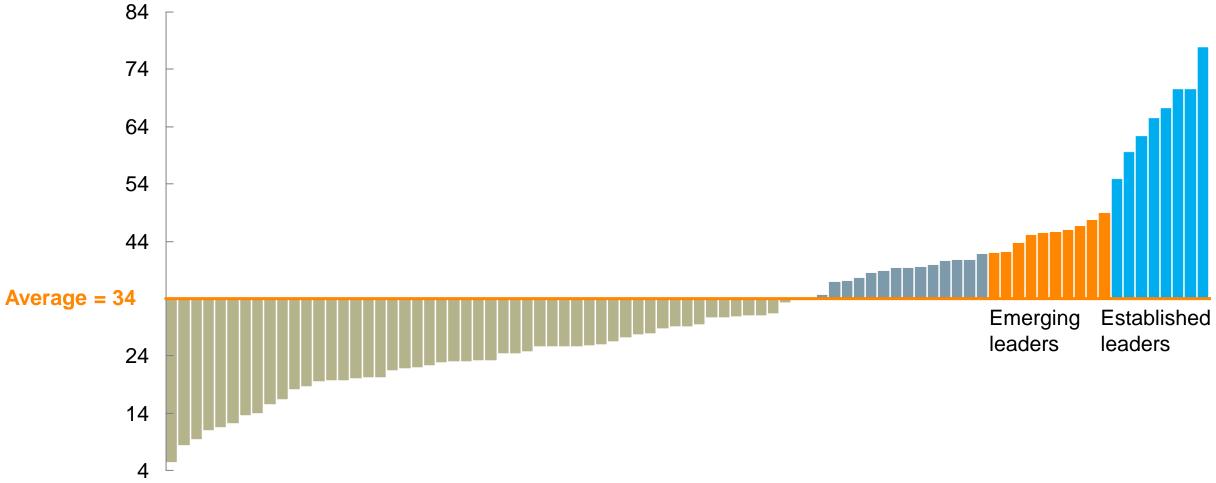
## Gap widening between the most digitized and the rest



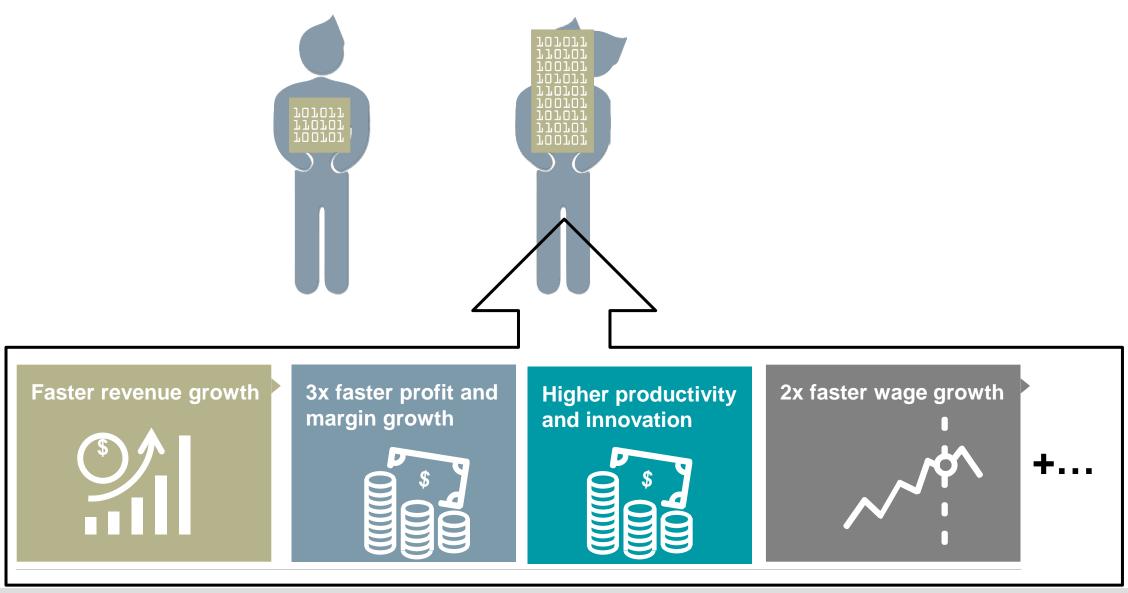
# Even among businesses, there is a large gap between digital leaders and the rest







## Digital "haves" and "have-mores"

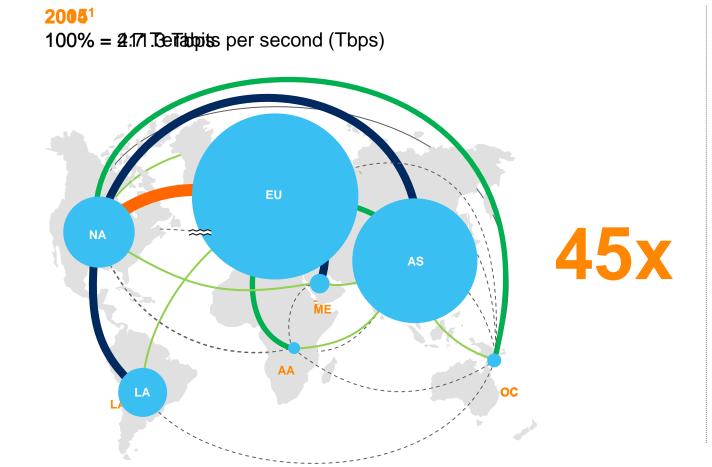




# Cross-border data flows surging and connecting more countries, companies and people

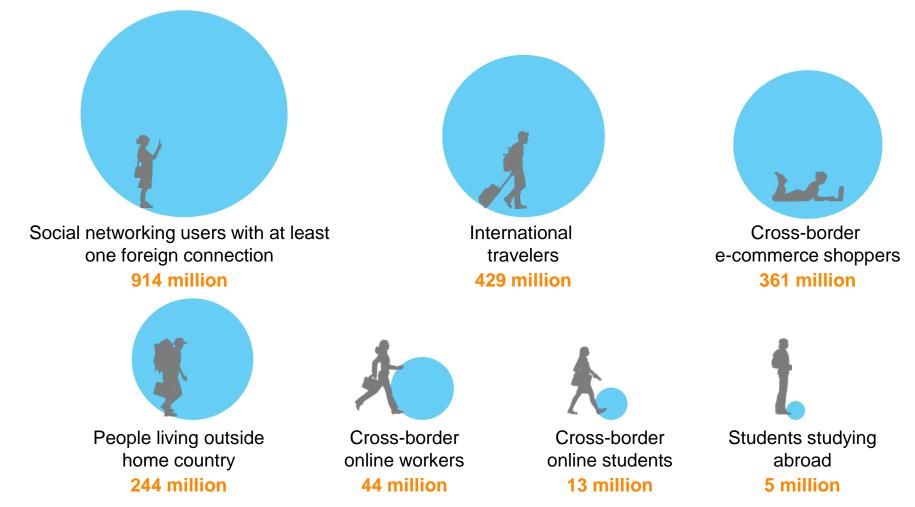
Size of bubble represents intraregional used bandwidth

Used cross-border bandwidth





## Individuals engaging globally, increasingly enabled by digital



NOTE: Numbers adjusted to account for overlap between platforms and for individuals making multiple international trips in the same year.

# Three opportunities and challenges

- 1. Digitization for growth, productivity and innovation
- 2. Digitization of Globalization
- 3. Digitization of work

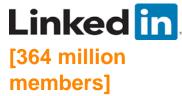
Foundations to get right

### **Labor Market Platforms Emerging**

**Examples** 

Platforms matching individuals with jobs

monster [7,999 job searches/minute]







Platforms for "OnDemand" work











Talent management tools for recruiting and training



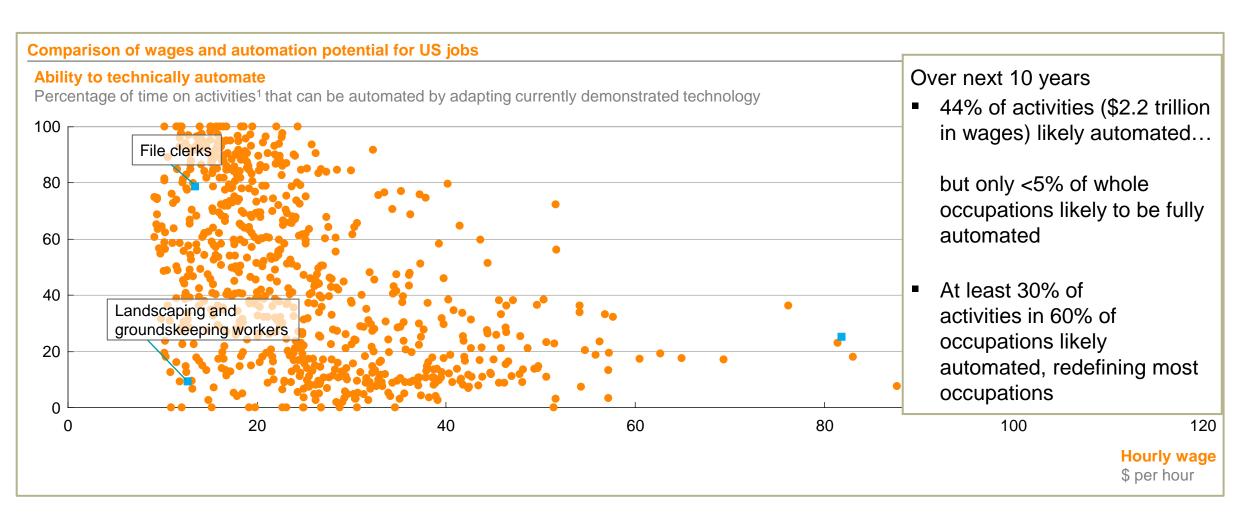






1 All companies are illustrative and not exhaustive, many span multiple functions

# Automation potential in high-wage, high-skill occupations as well as low-wage, low-skill occupations

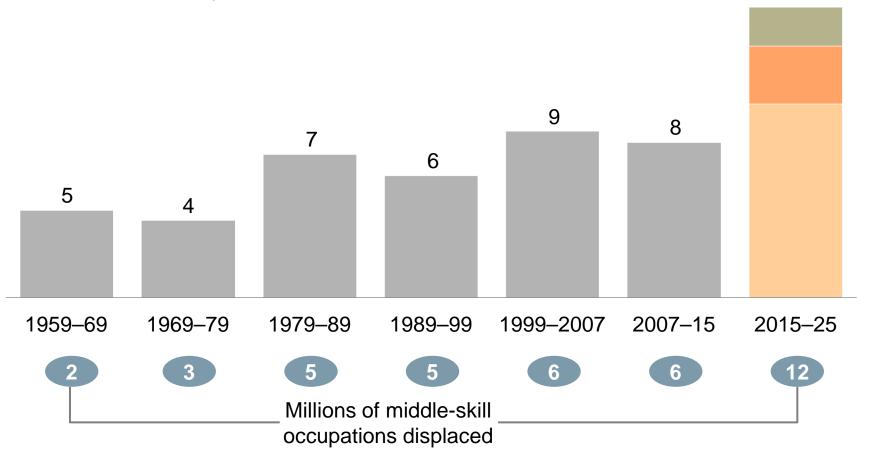


# Historical rate of middle-skill job automation could double



US middle-skill occupations displaced due to technological change

% of middle-skill occupations



# Three opportunities and challenges 1. Digitization for growth, productivity and innovation 2. Digitization of Globalization 3. Digitization of Work Foundations to get right

## Foundations to get right

#### To fully capture benefits to:

- Economy (growth, productivity, competitiveness)
- Businesses and entrepreneurs
- Individuals (workers, consumers, citizens)
- Society

