# Impacts of Trading online

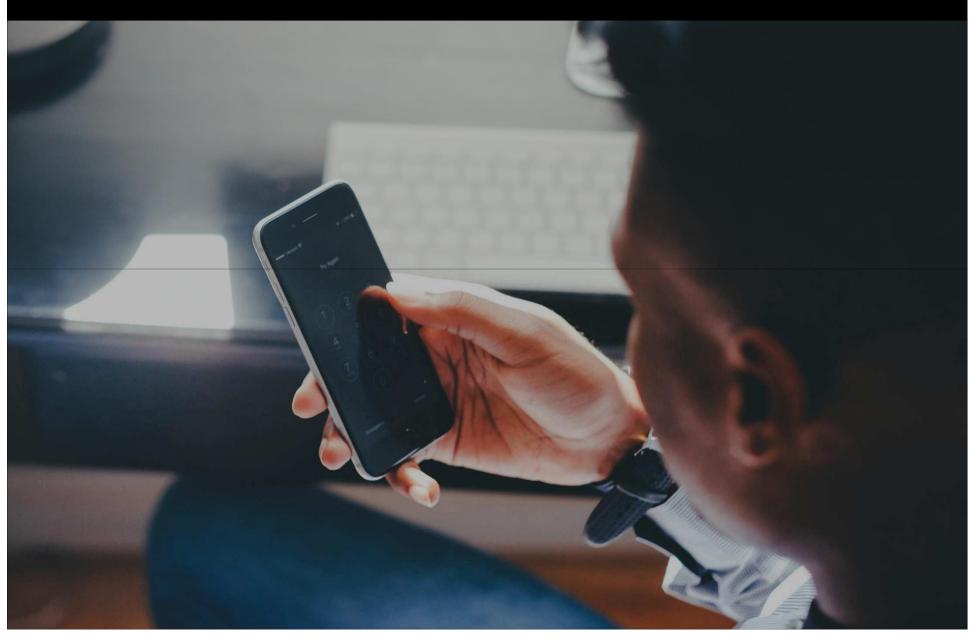
### Dr. Stephen Brennan

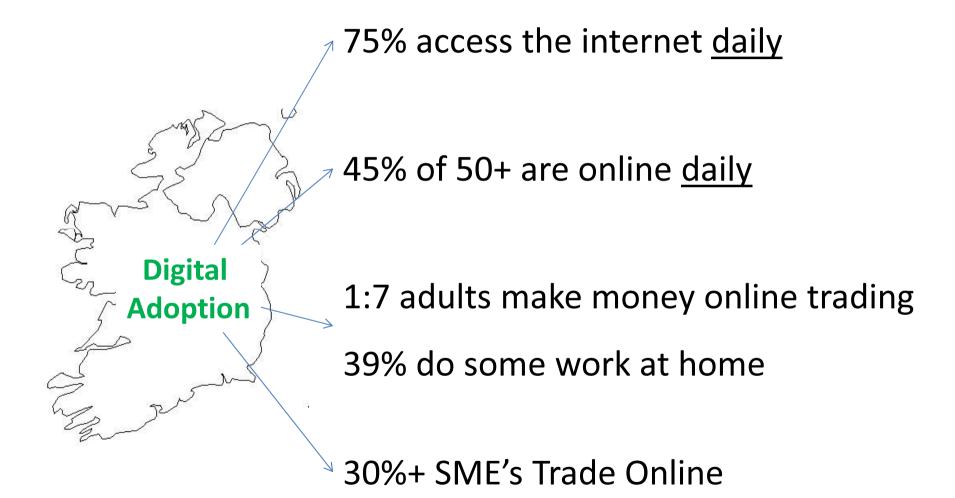
Department of Communications Climate Action & Environment

## **Global Context**

- **3.9 bn** internet users worldwide<sup>1</sup>
  - 51.7% penetration
- Digital = **7%** of EU economy<sup>2</sup>
- **33%** of GDP growth
- 4 out of top 5 most valuable brands are digital<sup>3</sup>
- In 10 years: social media and apps have come from nowhere
  - 1. Internet world stats, June 2017
  - 2. EU Commission Digital Economy
  - 3. Forbes

## The next 1bn consumers will be mobile first





Indecon/ RedSea 2016 Eir Connected living Survey 2015

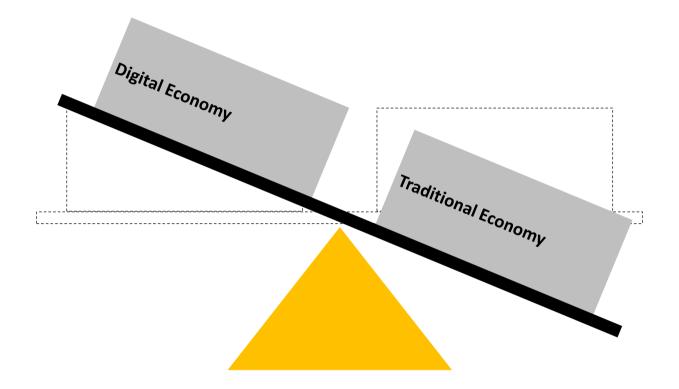
## Irelands Digital Economy

digital economy in Ireland = 6% GDP (€12.3bn)

growth = 40% since 2012

consumer spend online =  $\frac{1}{5}/day$ 

consumers expectations = Grow by 25% in 3/5 years



#### The majority of impact of Digital is in the traditional economy

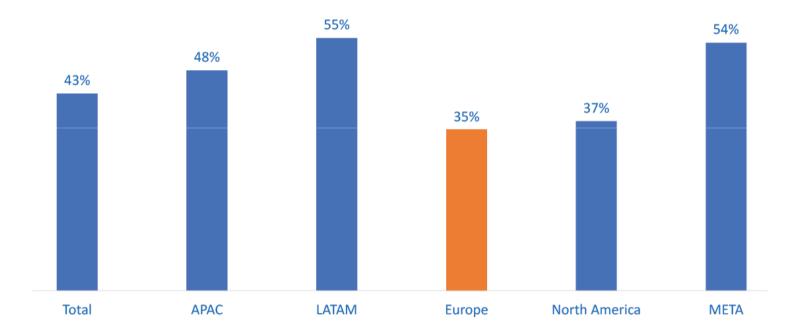
## Where is the spending?

1.	Holiday Travel	19%
2.	Financial Services	15%
3.	Utilities	14%
4.	Groceries	13%
5.	Clothing & Footwear	11%
6.	Books, cd's, dvd's	9%
7.	Transport	7%
8.	Electronics	6%
9.	Health	6%

#### **Online Shopping Across Europe**



#### What is the sentiment towards physical stores?



'I can see a time when the physical retail store is <u>not</u> a big factor in how I shop'

## Impact of online trade...

### +84% customer enquiries

## +21% direct sales

## + 35% new jobs

## 3 in 5 export

## Major opportunities

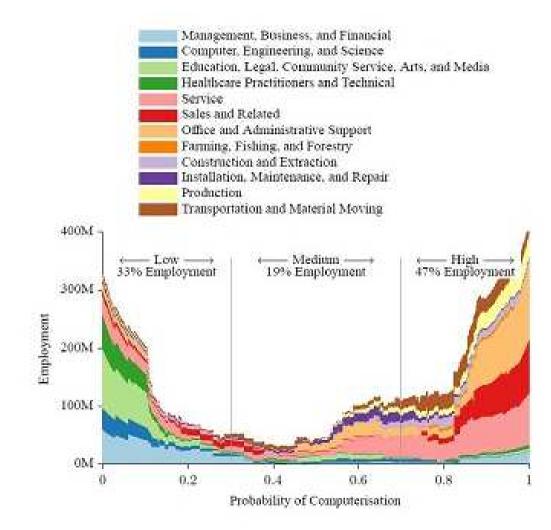
to transform the economy and society...



Telephone took 75 years to reach 50 million users, TV took 13years, Internet 4 years, Facebook 3.5years and Angry Birds – 35 DAYS !

# Major challenges

#### is Creative Destruction\* still valid?



"Opportunity for the application

of digital to enable

basic standards of living."

\*Joseph Schumpeter

## Local Strategy - Digital as an Enabler

- Local enterprise
  - Traditional Businesses trading online
  - Digital skilled workforce
  - Big impact on retail & services
  - Use Digital to improve environment (support the circular economy)
  - Industry 4.0
- Support innovation
  - Digital Entrepreneurs
  - Procurement practice
  - Discover the possibilities

## Local Strategy - Digital as an Enabler

Operational efficiency

- Improve public services
  - feedback
  - empowerment
  - ownership
- Hub for services
  - leverage and combine local assets
  - Access point for non-liners

Thank You





Roinn Cumarsáide, Gníomhaithe ar son na hAeráide & Comhshaoil Department of Communications, Climate Action & Environment

www.dccae.gov.ie/nds

NDS strategy, video case studies & digital economy research

stephen.brennan@dccae.gov.ie