

**S&D IMCO Workshop** 

### A competitive and inclusive Digital Single Market

Wednesday 4 February 2015 ~ 15:00-17:30 European Parliament Room A3G-3 and via S&D Web

# EU DIGITAL SINGLE MARKET FOR SERVICES:

INNOVATION, COMPETITIVENESS, INCLUSION

Vincenzo Spiezia
Senior Economist
Measurement & Analysis of the Digital Economy
vincenzo.spiezia@oecd.org

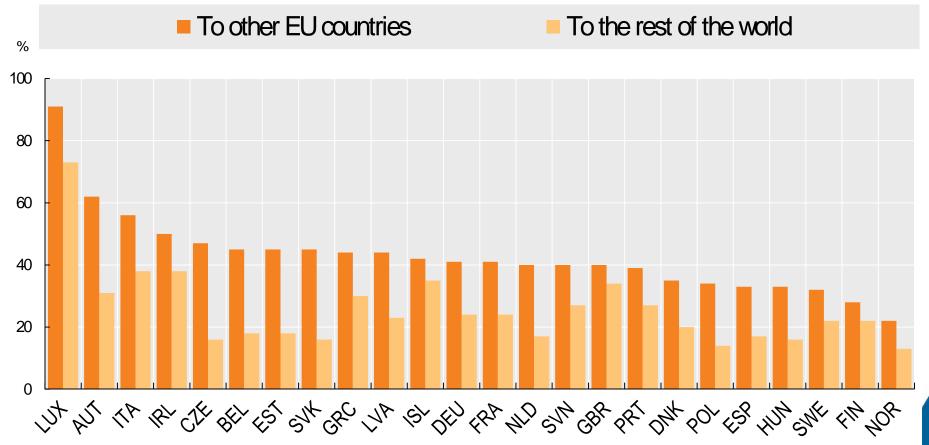




## A Digital Single Market

#### Cross-border e-commerce sales by enterprises, 2012

As a percentage of all enterprises having undertaken sales via e-commerce



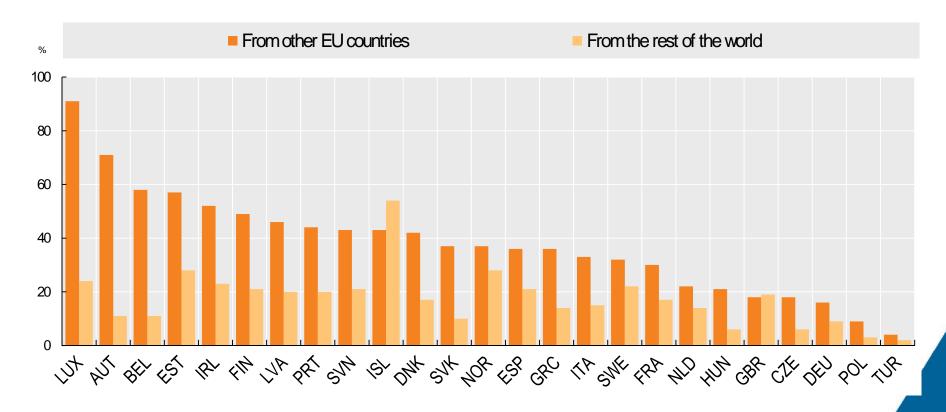
Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing <a href="http://dx.doi.org/10.1787/888933148101">http://dx.doi.org/10.1787/888933148101</a>



## A Digital Single Market

#### Cross-border online purchases by individuals, 2013

As a percentage of individuals who ordered goods or services over the Internet in the last 12 months



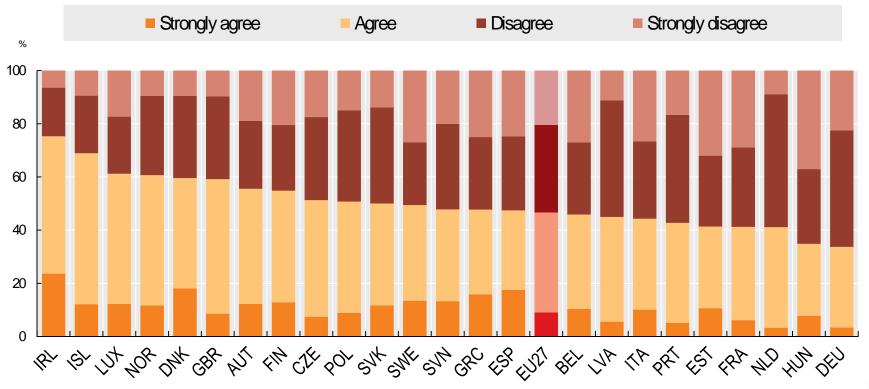
Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing <a href="http://dx.doi.org/10.1787/888933148115">http://dx.doi.org/10.1787/888933148115</a>



### Legal framework matters...

### Consumer trust in cross-border online purchases, 2012

"I feel confident purchasing goods or services via the Internet from retailers/providers in another EU country"



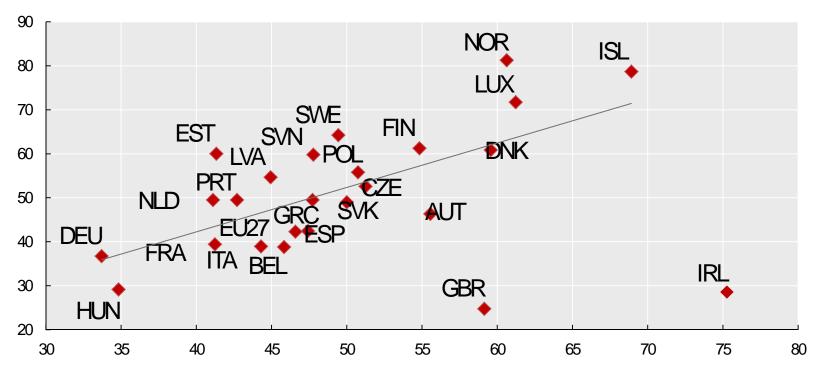
Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing <a href="http://dx.doi.org/10.1787/888933148121">http://dx.doi.org/10.1787/888933148121</a>



### ... but there are other barriers

### Consumer trust in cross-border online purchases, 2012

#### Internet users who feel confident about the EU cross-border sellers



Internet users who are willing to use another EU language (%)

Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing <a href="http://dx.doi.org/10.1787/888933148121">http://dx.doi.org/10.1787/888933148121</a>



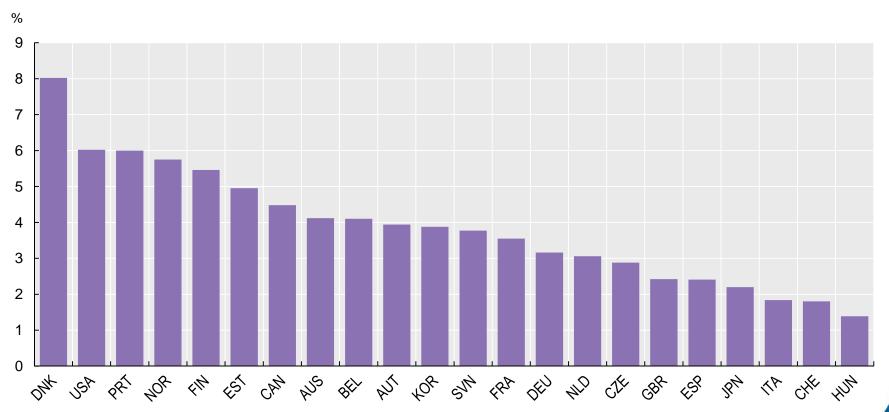
# Innovation

- In the ICT industries?
- Enabled by ICTs in all sectors?
- Both!



# Information and communication service industries invest more in R&D...

### *R&D* expenditure as a percentage of value added, 2011

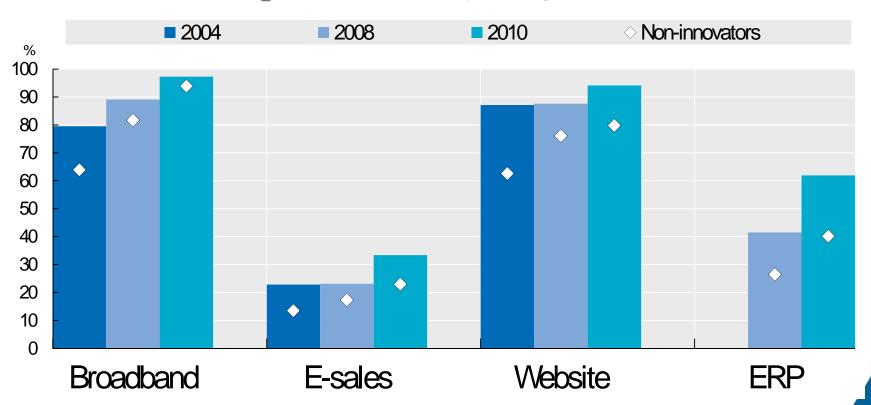


Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing http://dx.doi.org/10.1787/888933148472



# ... and ICTs are a platform for innovation throughout the economy

### ICT uptake among innovators and non-innovators in 13 European countries, 2004-2010

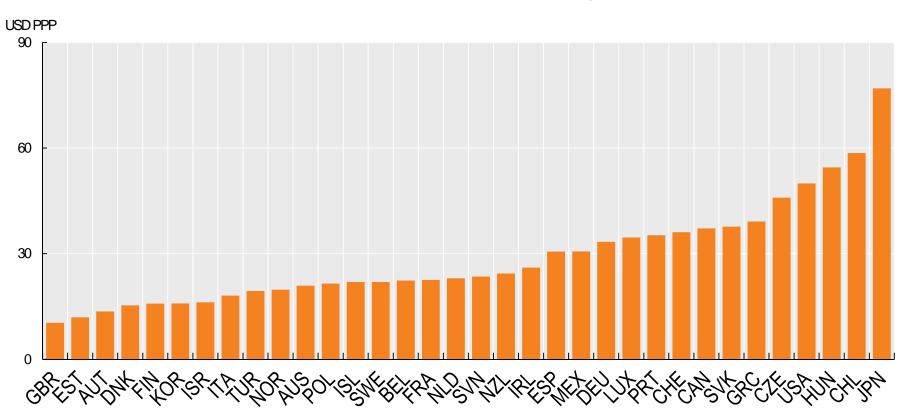


Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing http://dx.doi.org/10.1787/888933147857

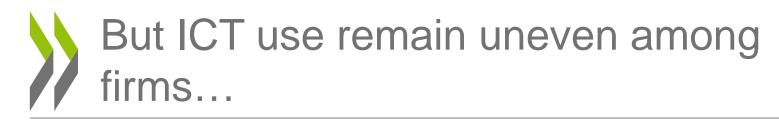
# **>>**

# EU-wide competition is benefitting consumers...

# Prices of mobile voice calls plus data traffic reference basket (100calls/500MB), February 2014

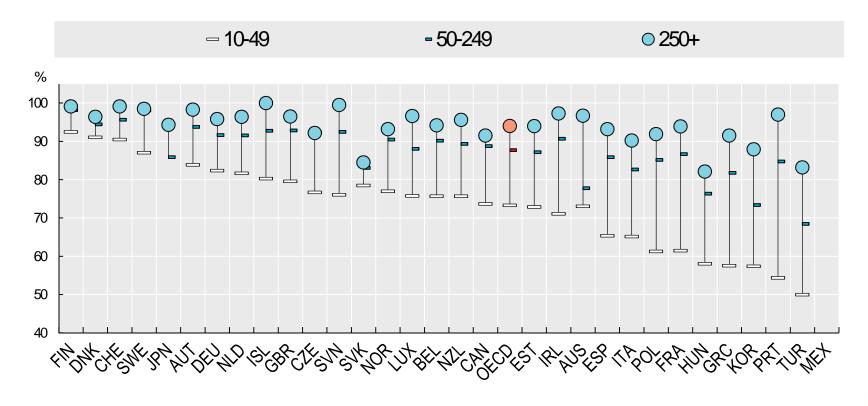


Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing <a href="http://dx.doi.org/10.1787/888933148078">http://dx.doi.org/10.1787/888933148078</a>



### Enterprises with website or home page, by size, 2013

As a percentage of enterprises in each employment size class



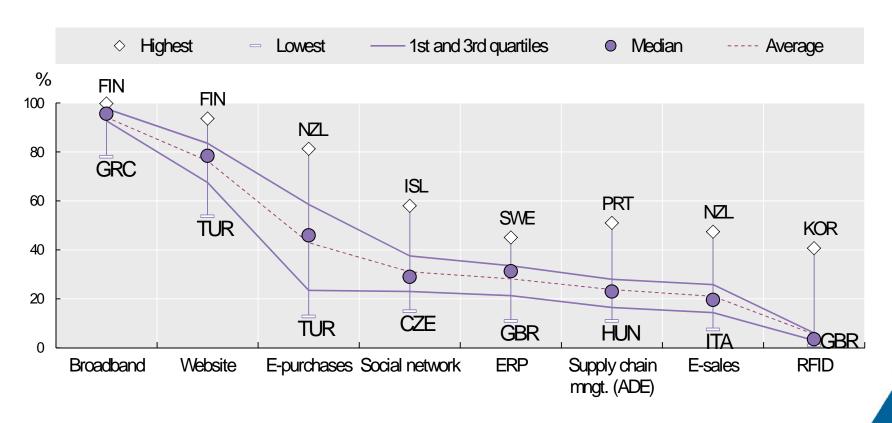
Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing <a href="http://dx.doi.org/10.1787/888933148775">http://dx.doi.org/10.1787/888933148775</a>



### ...and among countries...

# The diffusion of selected ICT tools and activities in enterprises, 2013

Percentage of enterprises with ten or more persons employed



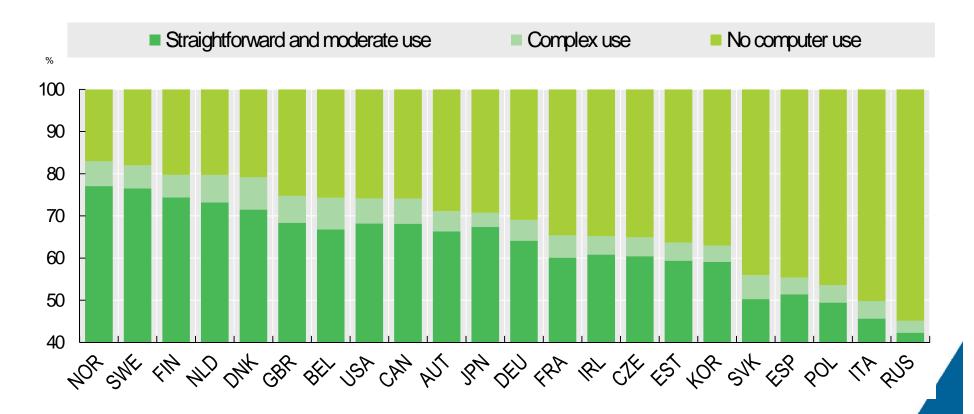
Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing  $\underline{http://dx.doi.org/10.1787/888933148510}$ 



## ... as well as among workers

#### Computer use at work, 2012

Percentage shares of all workers



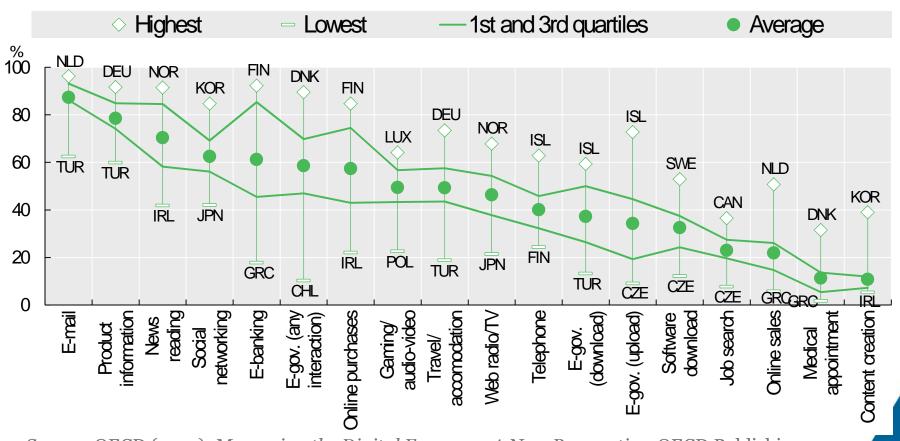
Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing <a href="http://dx.doi.org/10.1787/888933148332">http://dx.doi.org/10.1787/888933148332</a>



### ... and among individuals

#### The diffusion of selected online activities among Internet users, 2012-13

Percentage of Internet users performing each activity



Source: OECD (2014), Measuring the Digital Economy. A New Perspective, OECD Publishing <a href="http://dx.doi.org/10.1787/888933148228">http://dx.doi.org/10.1787/888933148228</a>





