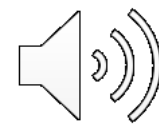




Information Economy Report 2017



Digitalization, Trade
and Development

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On the cusp of a new digital economy



The digital evolution has major implications for the implementation of **the 2030 Agenda for Sustainable Development**



Reduced cost of hard drive 



Robotics



Artificial intelligence



Internet of Things (IoT)



Cloud computing



Big data analytics



3D printing



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Digital economy is evolving fast...

Developing economies accounted for nearly 90% of the 750 million people that went online for the first time 2012-2015, India (177 m) China (122m).

Sources: UNCTAD, Cisco, ITU



\$25 trillion Global e-commerce sales: in 2015

66 times higher Global Internet traffic in 2019 than in 2005



\$7 billion Cross-border B2C e-commerce: in 2015



100 million people are employed in the ICT services sector

ICT services exports rose by **40%** between 2010 and 2015





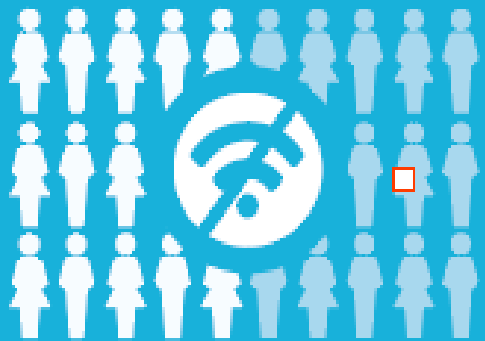
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But at different speeds and there are gaps ...

Global connectivity gap

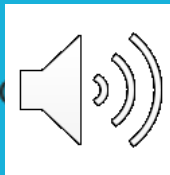
50%
remains
offline

only
1 in 6
in LDCs
is connected



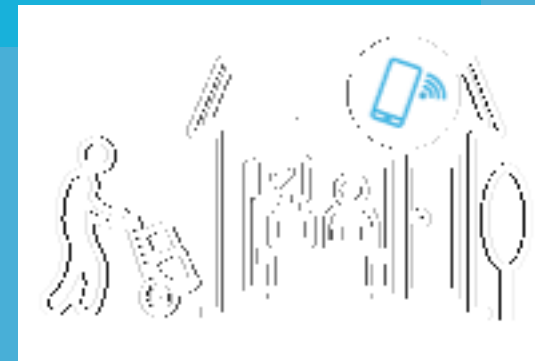
Gender gap

in Internet use is
most pronounced in
developing countries



MSMEs are less prepared

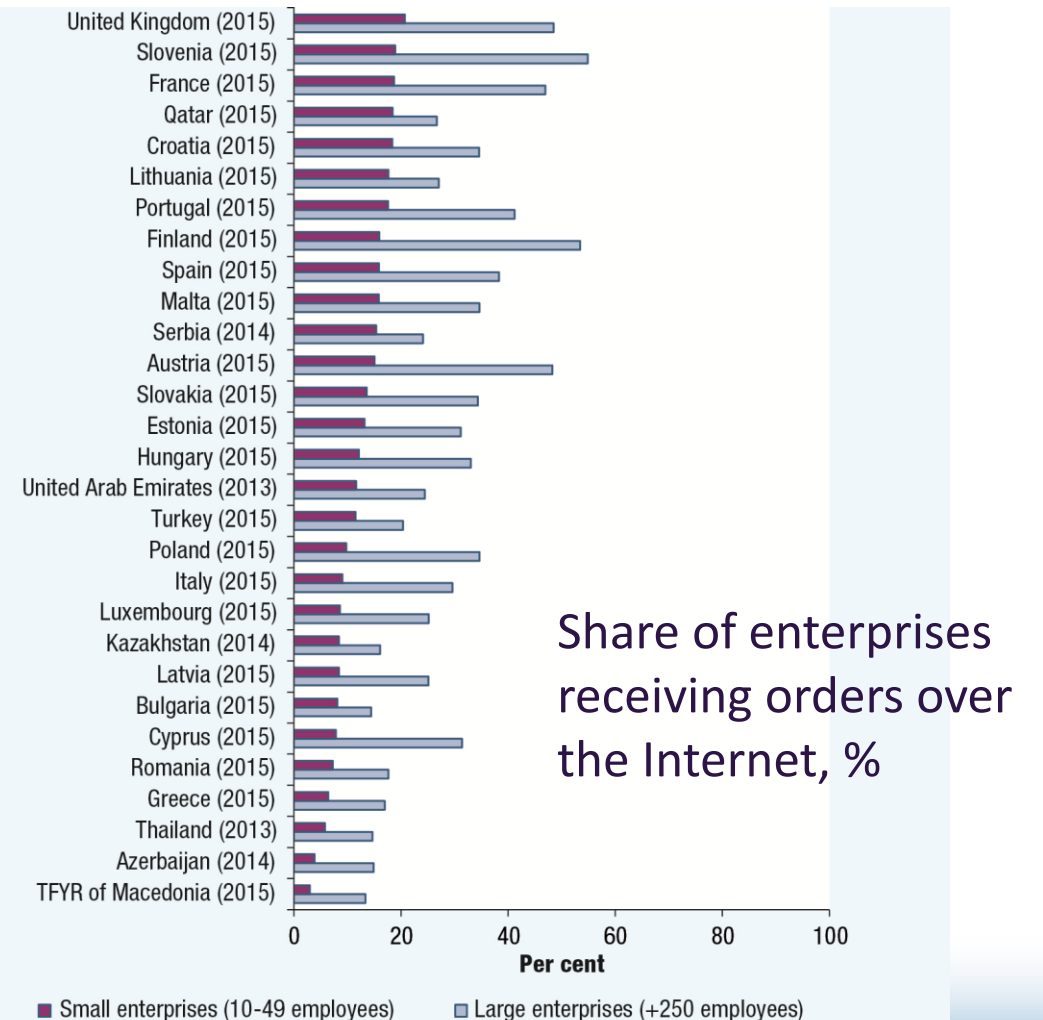
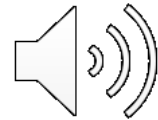
to take advantage
of the digital economy



Sources: UNCTAD, ITU

Small businesses are less prepared for the digital economy

More research is needed to see how MSMEs can connect with digitalized value chains:



Digitalization changes jobs and skills

4 key changes
due to increased digitalization

1.

New jobs and occupations created

2.

Some jobs will disappear as a result of automatic...



3.

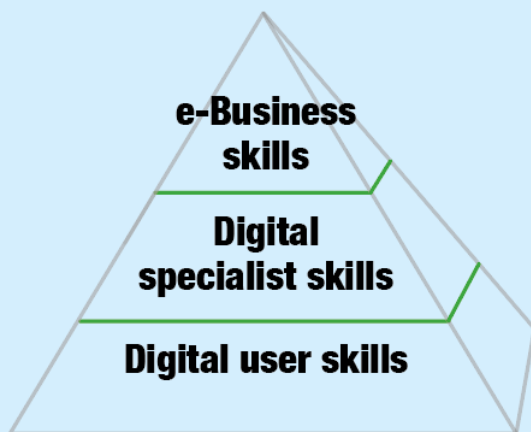
The conditions of work will be affected

4.

More work will involve digital skills

New skills needed in the digital eco

New skills & education adjustments required



- Strong non-cognitive, adaptive and creative skills

Strategic jobs needed

- Data scientists & analysts



Challenges:

- Most pronounced skills gaps are in Latin America
- Changes in labour regulations may be needed to facilitate new jobs and skills transitions

“Understanding existing national ICT data is key to digitalization “

Ms. Helani Galpaya, Chief Executive Officer of think-tank LIRNEasia, Sri Lanka



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The policy challenge is multifaceted

Coordination

Effective cross-sectoral collaboration needed within the government and with other stakeholders.

A better measurement

Need to build the capacity of developing countries, and especially LDCs, to collect more and better data on relevant aspects of the digital economy.



Save the date!

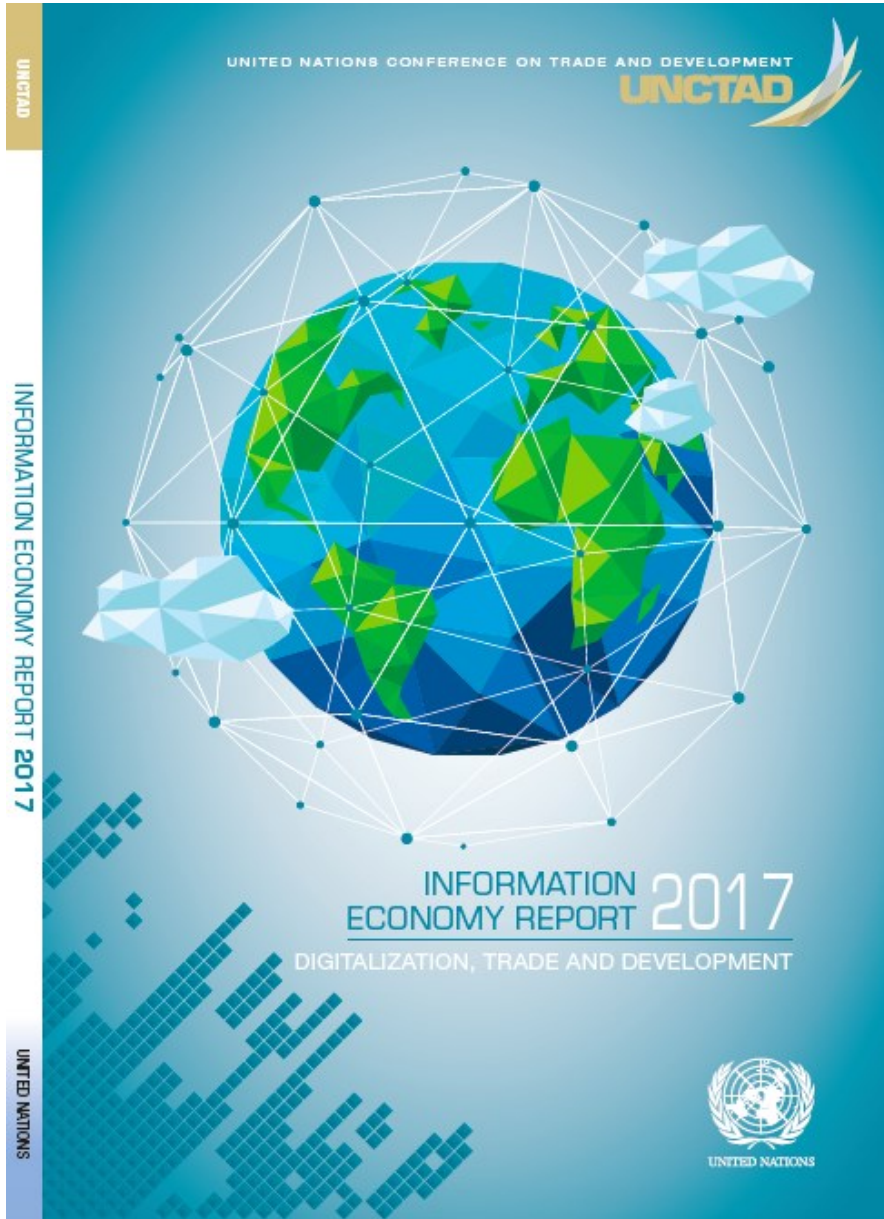
- **E-COMMERCE WEEK 2018**
- 16-20 APRIL 2018 in GENEVA
- Second session of the **UNCTAD Intergovernmental Group of Experts (IGE) on E-commerce and the Digital Economy**

Key ts

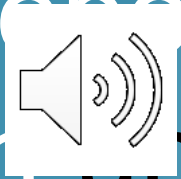
More than
1'000 participants
in 2017

5 day-event including
a 3-day dedicated meetings
of experts (IGE 2018) on
leveraging platforms and
digital entrepreneurship for
development

1 high-level
conversation, eTrade
for all private partners
meeting, networking
opportunities ... and
much more...



Discover the
Information
Economy
Report 2017
on unctad.org/ier



Thank you!

