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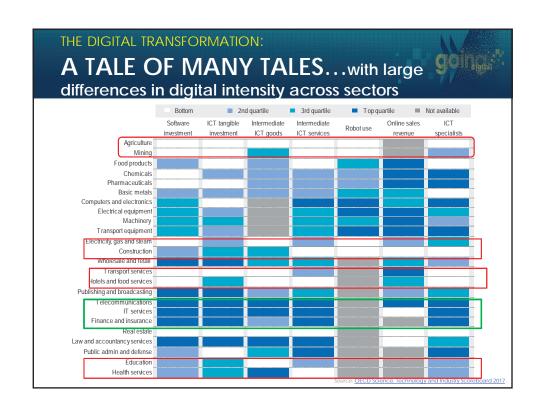
Digital transformation and productivity

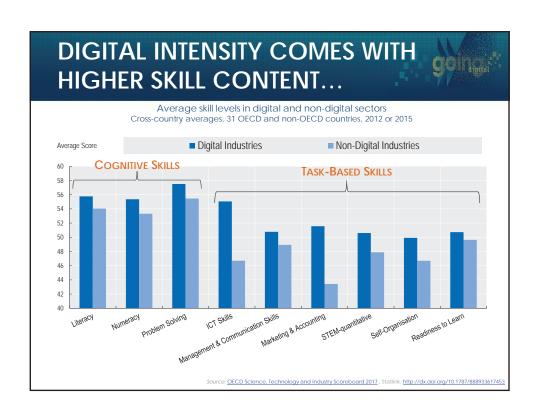


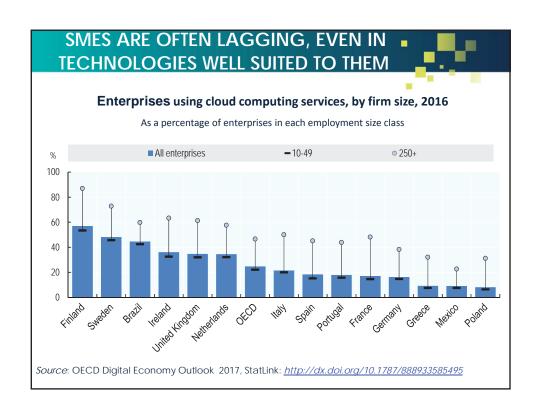
A new version of Solow's (1987) productivity paradox? Why do we see computers everywhere, but not (yet) in the productivity statistics?

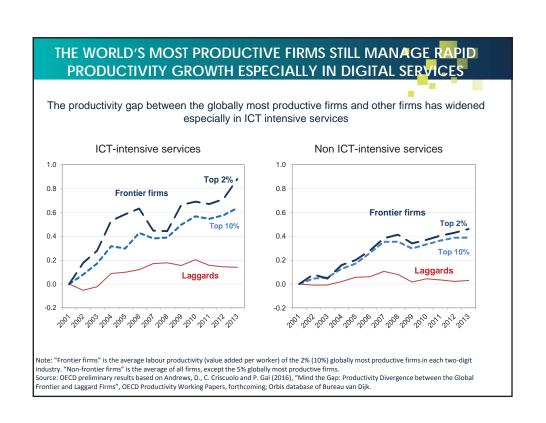
We find that two factors play an important role:

- Lack of diffusion of technology, innovation and related business models
- Lack of structural change, a slowdown in business dynamics and possible impacts of competition

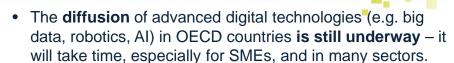








OECD FINDINGS ON THE FUTURE OF PRODUCTIVITY ...



- It's not only about technology diffusion changes in organisations, business models, workers skills and processes take even more time (and may be more difficult for many firms).
- The impacts of digital technologies will also require more structural change within & across industries, as digitallyintensive firms grow and less digitally-intensive firms decline.
- The digital transformation requires a bundle of skills throughout the firm to succeed
- This has implication for inclusive growth in the digital economy

... AND POLICIES THAT MAY BE APPROPRIATE



- **The good news**: the impacts of digital transformation are likely still to come and some firms are already reaping the benefits .
- Policy can help in several ways to strengthen these impacts, by:
 - Fostering **investment** in tangible and intangible capital
 - Strengthening diffusion of technologies, practices and business models
 - Improving skills of workers and management
 - Facilitating structural change where certain sectors may require more policy attention
 - Strengthening entrepreneurship and the scaling of firms
 - Ensuring good regulation and sound competition.
 - Fostering innovation across the economy
- Note also: Improving measurement is important

THE OECD GOING DIGITAL PROJECT GOING DIGITAL: MAKING THE TRANSFORMATION WORK FOR GROWTH AND WELLBEING Help policymakers better understand the digital transformation that is taking place; Develop tools to help create a policy environment enabling economies and societies to prosper in a world that is increasingly digital and data-driven; Deliver a whole-of-house perspective on state, effects, expected benefits and issues raised by digitalisation in different sectors and policy areas; Provide analysis of key cross-cutting issues, including: jobs and skills; productivity, competition and market structure; social challenges and well-being.

Thank you



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OECD Going Digital website: http://oe.cd/goingdigital

OECD Global Forum on Productivity:

http://www.oecd.org/global-forum-productivity

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