



INNOVATION FOR INCLUSIVE GROWTH



Project overview

Objectives

- Address how **innovation** and its policies relate to **inclusive growth**
- Develop **concrete policy conclusions** from the perspective of innovation policy

Participating countries from Austria, Chile, China, Colombia, Costa Rica, India, Israel, Korea, Mexico, South Africa and many experts



Some of the milestones



Symposium
in Paris



International Conference in
New Delhi



Symposium
in Paris

Nov. 2012

March 2014

Feb 2015

May 2015

April 2016

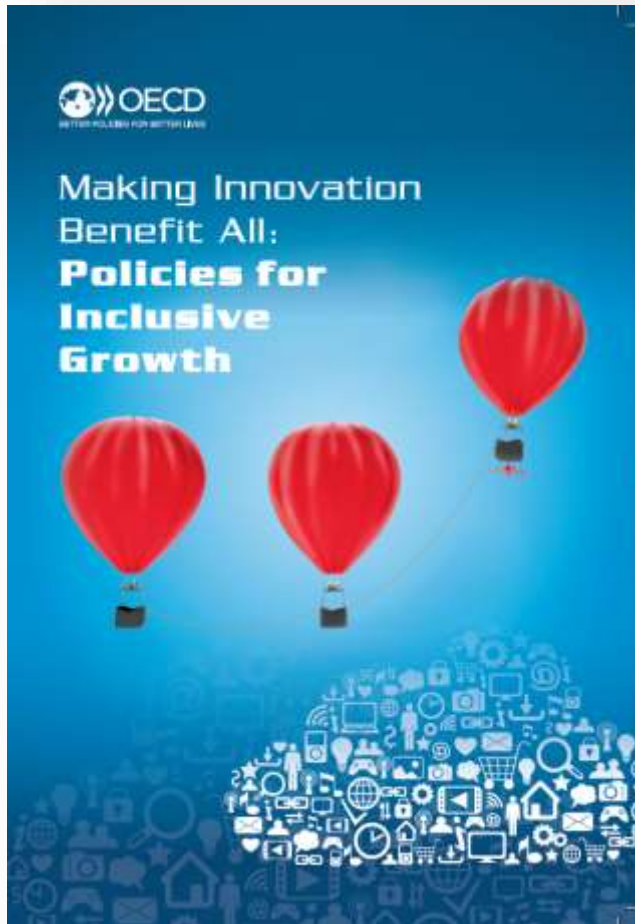
March 2017

International Conference
in Cape Town





Final report & policy toolkit



*Chapter 1. **Digital Innovation** and Inclusive Growth*

*Chapter 2. Innovation and **Territorial inclusiveness***

*Chapter 3. Inclusive Innovation **Policies***

*Chapter 4. Inclusiveness and Innovation in **Higher Education***

www.innovationpolicyplatform.org/inclusivetoolkit



1 Artificial intelligence responds in many ways to needs of disadvantaged groups

Efficient **medical equipment**, e.g. detecting heart disease and cancer

Assisting **medical diagnostics** leveraging big data



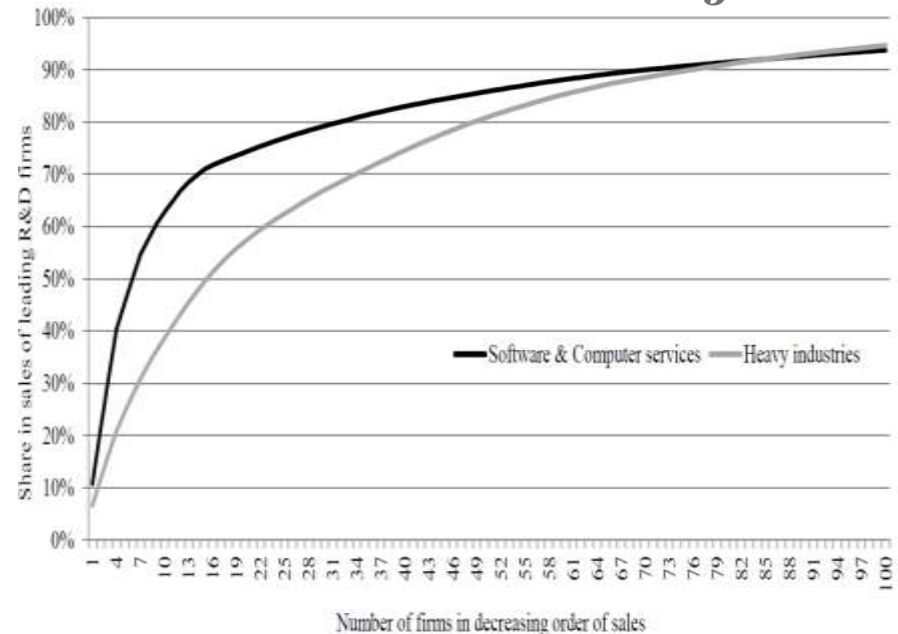
Personalised math lessons to primary school students



2 Digital innovation, winner-take-all market conditions and the distribution of income

1. Digital innovation creates **“winner-takes-all” dynamics ...**
... since IT allows for **full & instant upscale** of the winning product/idea, which can take over the entire market at global level
2. The resulting **market power creates rents** → the traditional & necessary **fuel to innovation** (Schumpeter) has been boosted by IT

Distribution of the 100 largest firms in terms of sales among the top R&D firms within the software and computer series and heavy industries sectors in 2015



Source: Paunov and Guellec (2017) based on EU R&D Scoreboard 2016.



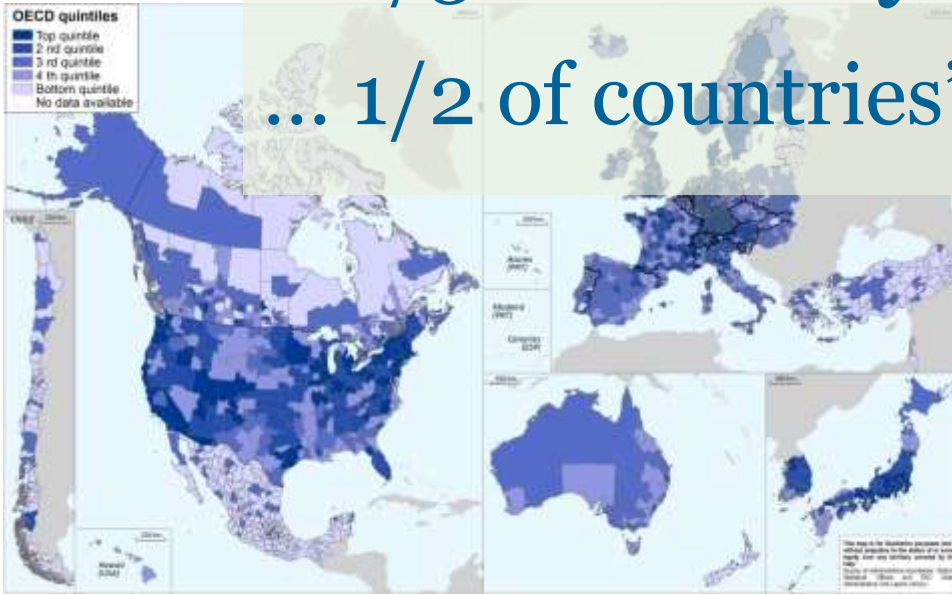
3 Spatial concentration of knowledge economy factors persists

The **top 20% regions** in OECD countries account for:

... 20-65% of **R&D activities**

... 1/3 of **tertiary educated workers**

... 1/2 of countries' **patent applications**





4 Inclusiveness programmes make the most of new technologies

Prototypes for Social Innovation (Chile)

- Calls for innovative solutions to local challenges on an **online open innovation platform**



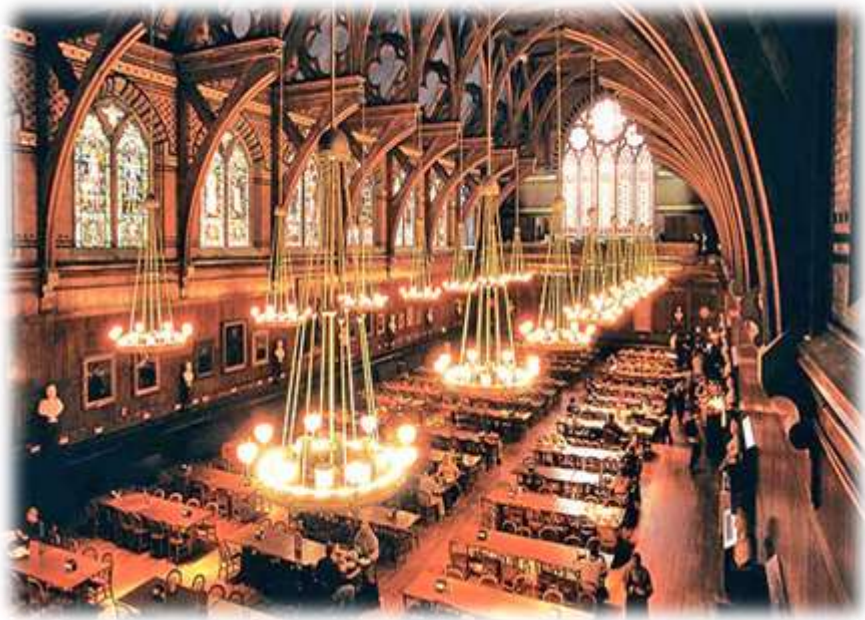
WISET's Girls Mentoring Programme (Korea)

- **Online mentoring system**



5 Inclusiveness in higher education

While **access** to higher education has **widened...**



... qualitative differences among programmes contribute to perpetuate **inequality**

A photograph of three red hot air balloons floating in a clear blue sky. The balloons are arranged in a line, connected by a thin rope. Each balloon has a black basket hanging from it. The balloons are inflated and appear to be moving from left to right.

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