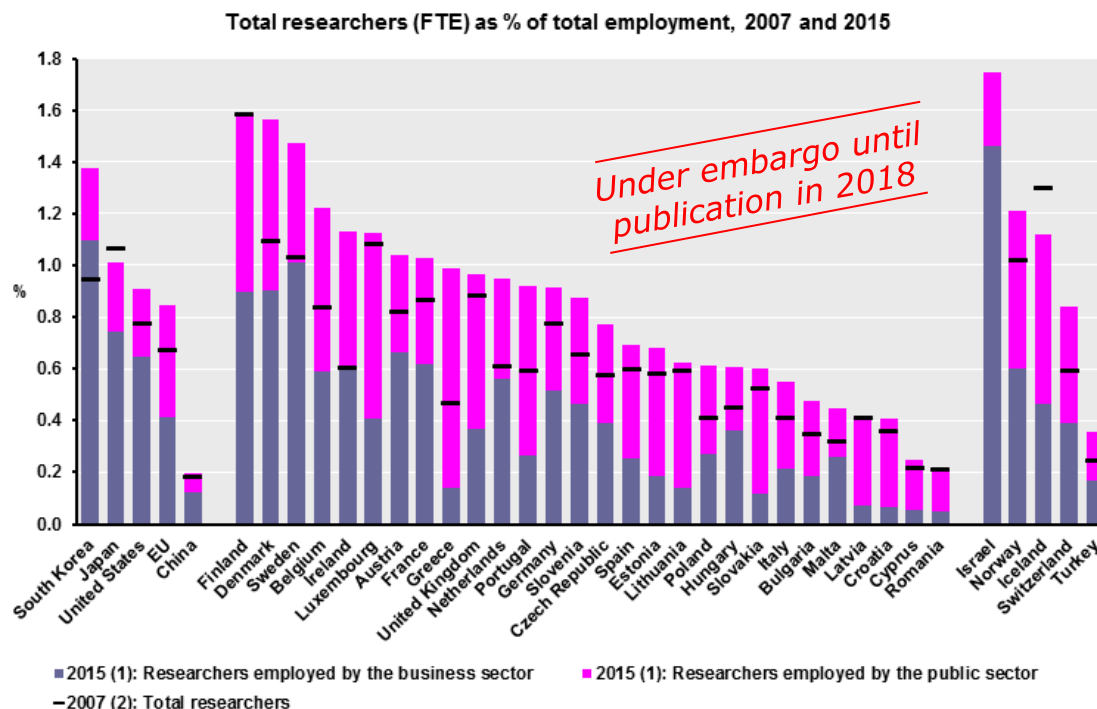


# **OECD Workshop:** **"Stimulating knowledge transfer- Challenges and Policy responses"**

## **Panel 3. International and intersectoral mobility of human resources**

**Ana Correia**, Unit A.4. Analysis and monitoring of national research and innovation policies, DG Research and Innovation, European Commission

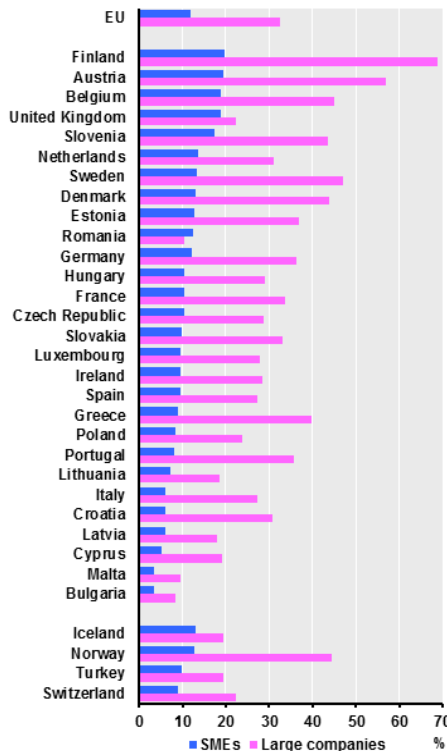
# The share of researchers in the workforce expanded, but with significant intra-EU differences including in their absorption by the business sector...



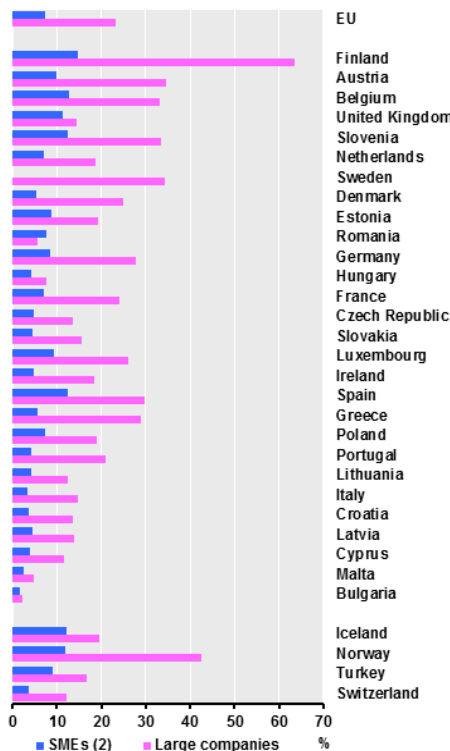
# ...also with significant disparities in the intensity and pattern of collaboration.

% share of innovative enterprises<sup>(1)</sup> cooperating with:

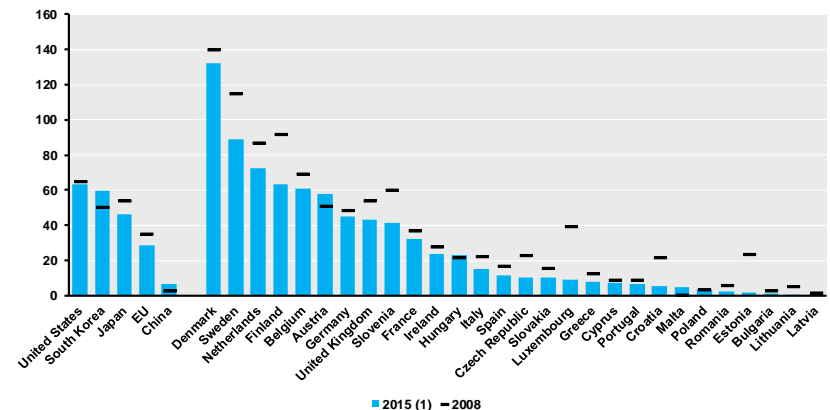
Universities or other higher education institutions, 2014



Government, public or private research institutes, 2014



Public-private co-authored scientific publications per million population, 2008 and 2015

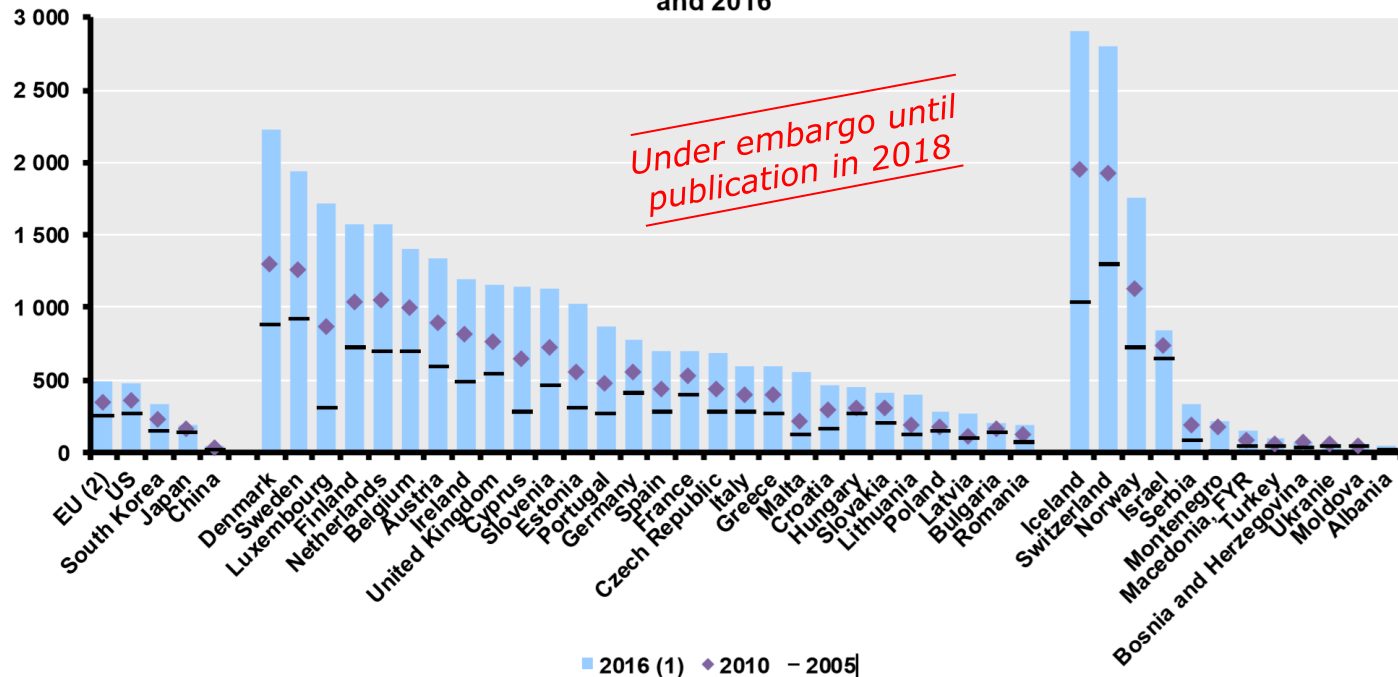


Source: DG Research and Innovation - Unit for the Analysis and Monitoring of National Research and Innovation Policies  
Data: EIS 2016, CWTS based on Web of Science database (March 2017 data), Eurostat, OECD  
Note: <sup>(1)</sup>LV, AL: 2013; US, JP, CN, KR, IL, BA: 2014.

Under embargo until publication  
in 2018

# International collaboration in research matters more and more for new knowledge production and has positive impacts in scientific performance.

**Figure I.4-A.8** International scientific co-publications per million population, 2005, 2010 and 2016



Source: DG Research and Innovation - Unit for the Analysis and Monitoring of National Research and Innovation Policies

Data: EIS 2016

Note: (1) US, KR, UA, MD, AL: 2015; BA: 2012. (2) EU average includes intra-EU collaborations.

# Marie Skłodowska-Curie actions

- Funding worldwide and cross-sector mobility on the basis of *excellent research* for all stages of a researcher's career
- Breaking the barriers between academic and other sectors, notably business

## Innovative Training Networks

European Training Networks

European Industrial Doctorates

European Joint Doctorates

## Individual Fellowships

European Fellowships

Global Fellowships

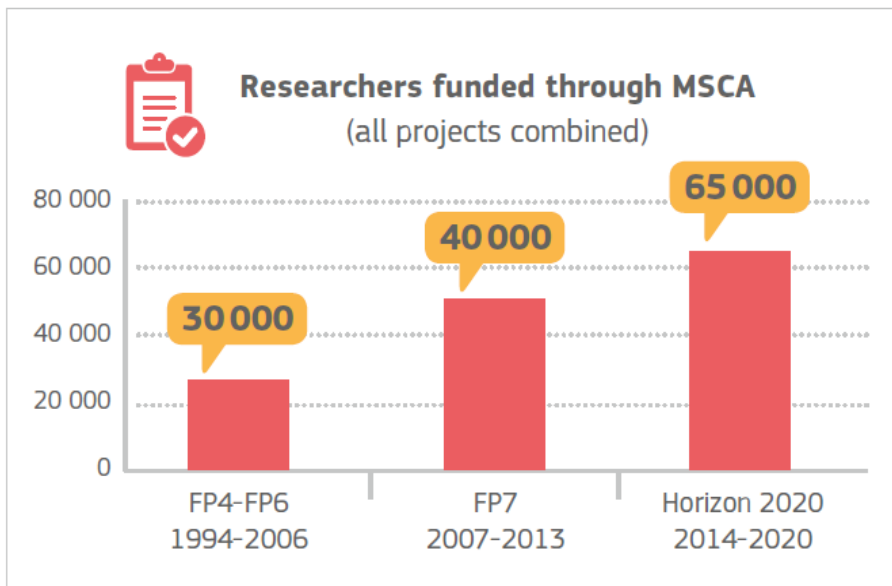
## Research and Innovation Staff Exchange

Short-term exchanges for staff

## Co-funding of programmes

Additional funding for new or existing regional, national and international programmes

# Marie Skłodowska-Curie actions in numbers



Source: [https://ec.europa.eu/research/mariecurieactions/sites/mariecurie/files/msca-factsheet\\_en.pdf](https://ec.europa.eu/research/mariecurieactions/sites/mariecurie/files/msca-factsheet_en.pdf)

**€6.16 billion budget over 2014-2020 period**



Source: [https://ec.europa.eu/research/mariecurieactions/funded-projects/horizon-2020-statistics\\_en](https://ec.europa.eu/research/mariecurieactions/funded-projects/horizon-2020-statistics_en)

**FP7 (2007-2014):**  
1250 Researchers funded  
58.3 Million €  
379 Organisations  
303 Projects

# Horizon2020: Spreading Excellence and Widening Participation



- » Over €816mn for **Widening** until 2020
- » Increase participation rates in low R&I performing countries
- » Facilitate **new partnerships** with leading international institutions
- » Increase **capability** to compete for international research funding

*"The majority of the ERA Chair coordinators and Chair holders believe that the ERA Chairs programme has enabled the Institutions to attract international high profile researchers to the Institutions and enhanced competitiveness and networking capabilities."*

*As 'Interim evaluation of Twinning and ERA Chairs in Horizon 2020', July 2017*



## teaming

Create centres of excellence  
Institution-building  
PHASE 1: 31 projects funded – €14.1mn  
PHASE 2: 10 projects funded – €140mn



## twinning

Link up with leading counterparts  
Institutional networking  
67 projects funded – €67.3 mn



## era chairs

Attract outstanding academics  
Excellence to institutions  
14 projects funded – €34 mn

# EURAXESS- Researchers in motion

- Delivering information and support services to professional researchers
- Supporting researcher mobility and career development, while enhancing scientific collaboration between Europe and the world

EURAXESS figures at Portugal.



**BUSINESS:** Find and recruit the best researchers from all disciplines across the world

**RESEARCH ORGANIZATIONS/UNIVERSITIES:** Find talent to join research teams

**ENTREPRENEURS:** Find partners in business and academia

**RESEARCHERS:** Find job offers, funding opportunities and assistance