



# Thank you!!!



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*Coordinator*



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# Making European diversity a strength:

*Towards regional support centers by*

*SCORE2020 consortium*



*Maastricht*

*31 January 2017*

**X**  
FOCUS ON  
SCALABILITY



**C**  
FOCUS ON  
COMMUNITY  
AND  
CONNECTIONS

WHAT IS  
MASSIVE?  
100?  
10,000?  
1,000?  
100,000?

**M**  
MASSIVE

OPEN  
REGISTRATION?

**O**  
OPEN

CONTENT?

FREE?

SELF-PACED?

**O**  
ONLINE

ROLE OF THE  
COHORT?

START/END DATES?

**C**  
COURSE

FOR CREDIT?

ROLE OF THE  
TEACHER?

SCRIPTED ASSESSMENT?

SCRIPTED FEEDBACK

EVERY LETTER  
IS NEGOTIABLE!!!

BASED ON CONVERSATIONS AT #EDUCON 2.5  
CC BY MATHIEU PLOURDE  
V. 1, FEB 5, 2013

Acronym	Meaning	Reference
MOOC	Massive Open Online Course	<a href="http://en.wikipedia.org/wiki/Massive_open_online_course">http://en.wikipedia.org/wiki/Massive_open_online_course</a> (this description is regularly updated)
mOOC	Micro Open Online Course	Mini courses, offered by OER University: <a href="http://www.oeruniversity.org">www.oeruniversity.org</a> <a href="http://www.scienceguide.nl/201311/na-moocs-nu-de-mooc.aspx">www.scienceguide.nl/201311/na-moocs-nu-de-mooc.aspx</a>
SPOC	Small Private Online Course	Online course, often closed (enrolment is limited to the institution's own, paying students) <a href="http://www.bbc.co.uk/news/business-24166247">www.bbc.co.uk/news/business-24166247</a>
SOOC	Selective Open Online Course	SPOC, without restrictions in terms of the number of enrolments, but based on a selection process designed to limit the number of participants. Also referred to as an SPOC. <a href="http://etcjournal.com/2013/09/26/spocs-are-mooc-game-changers/">http://etcjournal.com/2013/09/26/spocs-are-mooc-game-changers/</a>
DOCC	Distributed Open Collaborative Course	MOOC in which participants collaborate on the basis of distributed expertise. Very similar to the cMOOC. <a href="http://moocs.com/index.php/from-mooc-to-docc-new-directions-in-open-online-education">http://moocs.com/index.php/from-mooc-to-docc-new-directions-in-open-online-education</a>
LOOC	Local Open Online Course	Derived from a MOOC, but offered online to the institution's own student community; may be adjusted. Not available outside of the community. <a href="http://www.ecampusnews.com/around-the-web/loocing-future-digital-learning">www.ecampusnews.com/around-the-web/loocing-future-digital-learning</a>
MOOR	Massive Open Online Research	MOOC with a substantial research component. For example, participants may be offered the opportunity to contribute to ongoing research projects during the course. <a href="http://www.technoduet.com/mooc-spoc-moor-and-the-walking-dead-the-journey-continues">www.technoduet.com/mooc-spoc-moor-and-the-walking-dead-the-journey-continues</a>
ROOC	Regional Open Online Course	MOOC with a regional appeal, reflected in the language used or the specific cases. Regarded as a MOOC application for higher professional education institutions. <a href="http://blog.han.nl/hanicto/van-mooc-naar-rooc/">http://blog.han.nl/hanicto/van-mooc-naar-rooc/</a>
HOOC	Hybrid Open Online Course	MOOC with an intensive focus on student participation. This may vary from mixed classes with students also taking the on-campus version of the course, or the delegation of

Source:  
SURF 2014  
Open  
Education  
Trend  
Report.

## Definition MOOCs

- MOOCs are online courses designed for large numbers of participants, that can be accessed by anyone anywhere as long as they have an internet connection, are open to everyone without entry qualifications and offer a full/complete course experience online for free.
- [http://www.openuped.eu/images/docs/Definition\\_Massive\\_Open\\_Online\\_Courses.pdf](http://www.openuped.eu/images/docs/Definition_Massive_Open_Online_Courses.pdf) (adopted by many EU MOOC projects)





SCORE2020



**58M**

Students



**700+**

Universities



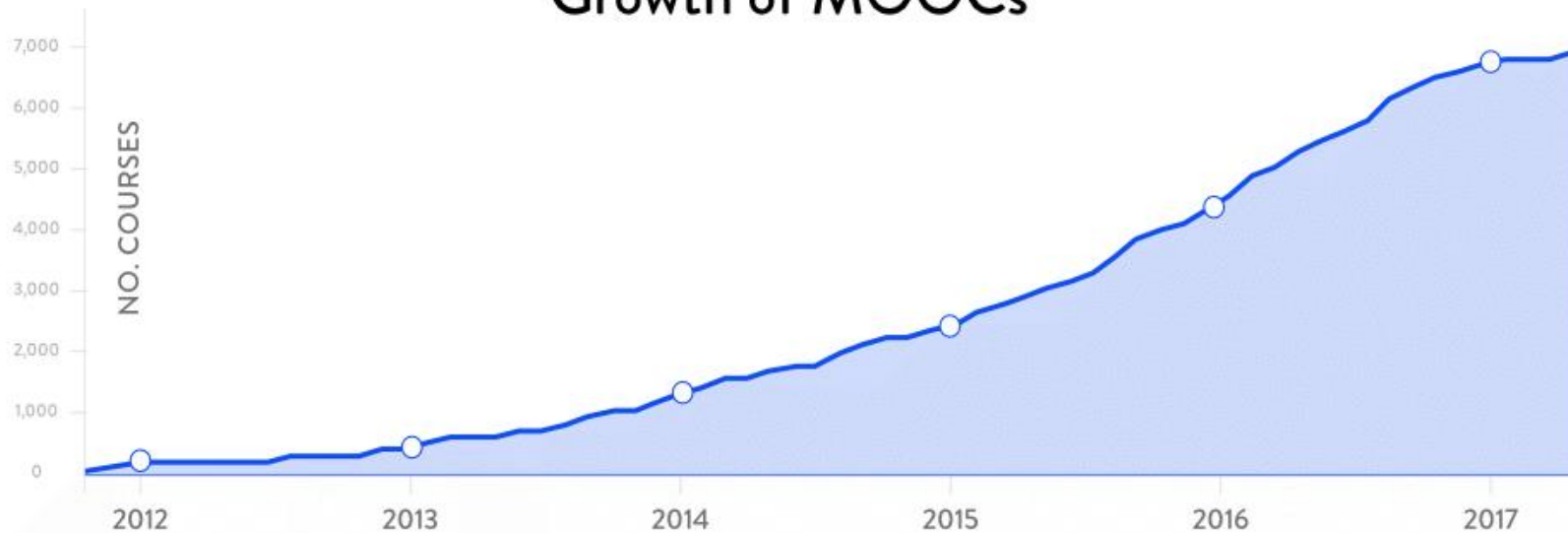
**6850**

Courses

*MOOCs in 2016. Analysis by Class Central*

- 23M new MOOC students in 2016!

## Growth of MOOCs



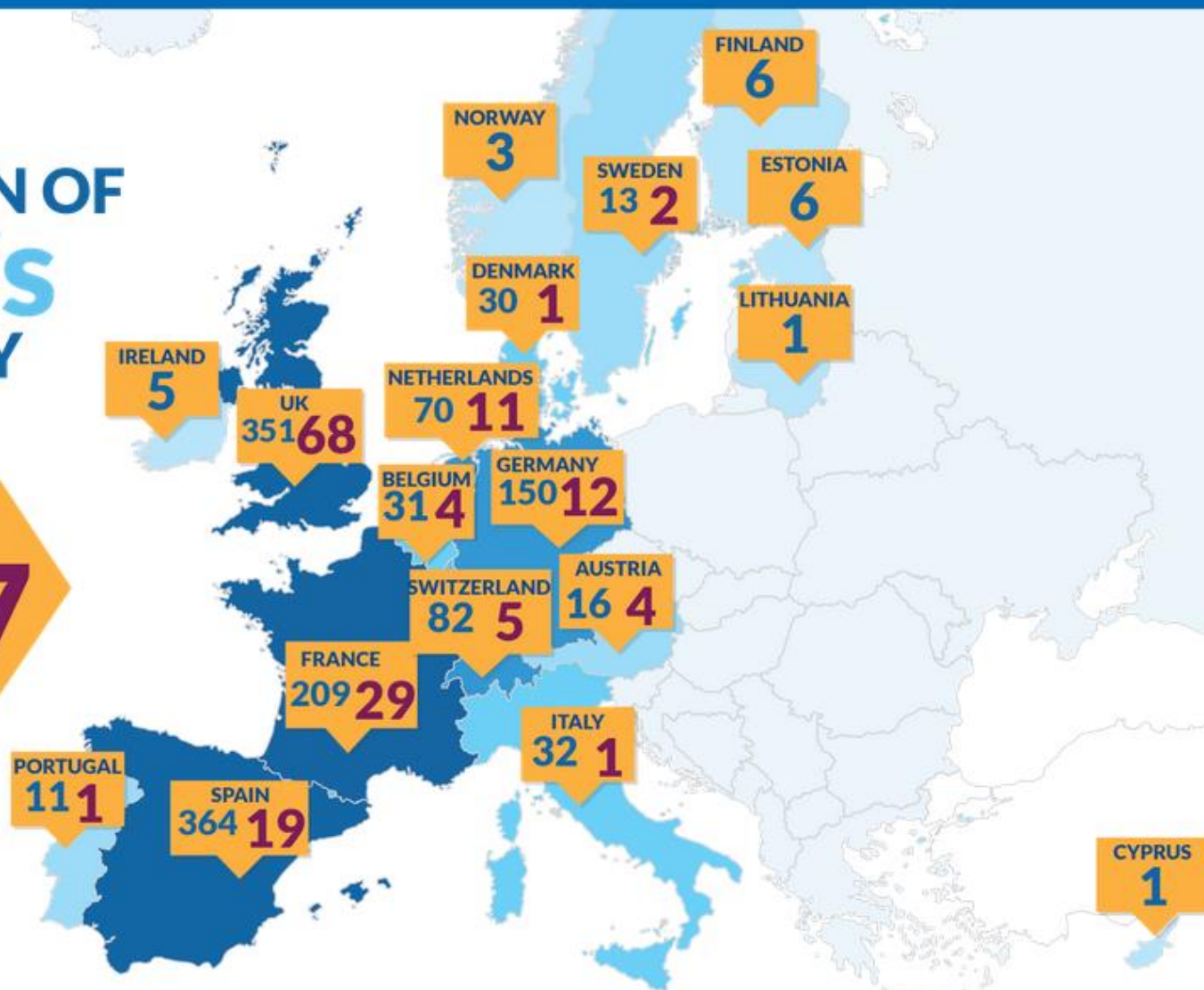
Source: **CLASS CENTRAL**

# The EUROPEAN MOOCs SCOREBOARD

Last updated 06.05.2015

## DISTRIBUTION OF MOOCs PER COUNTRY

EUROPEAN MOOCs  
**1381****157**



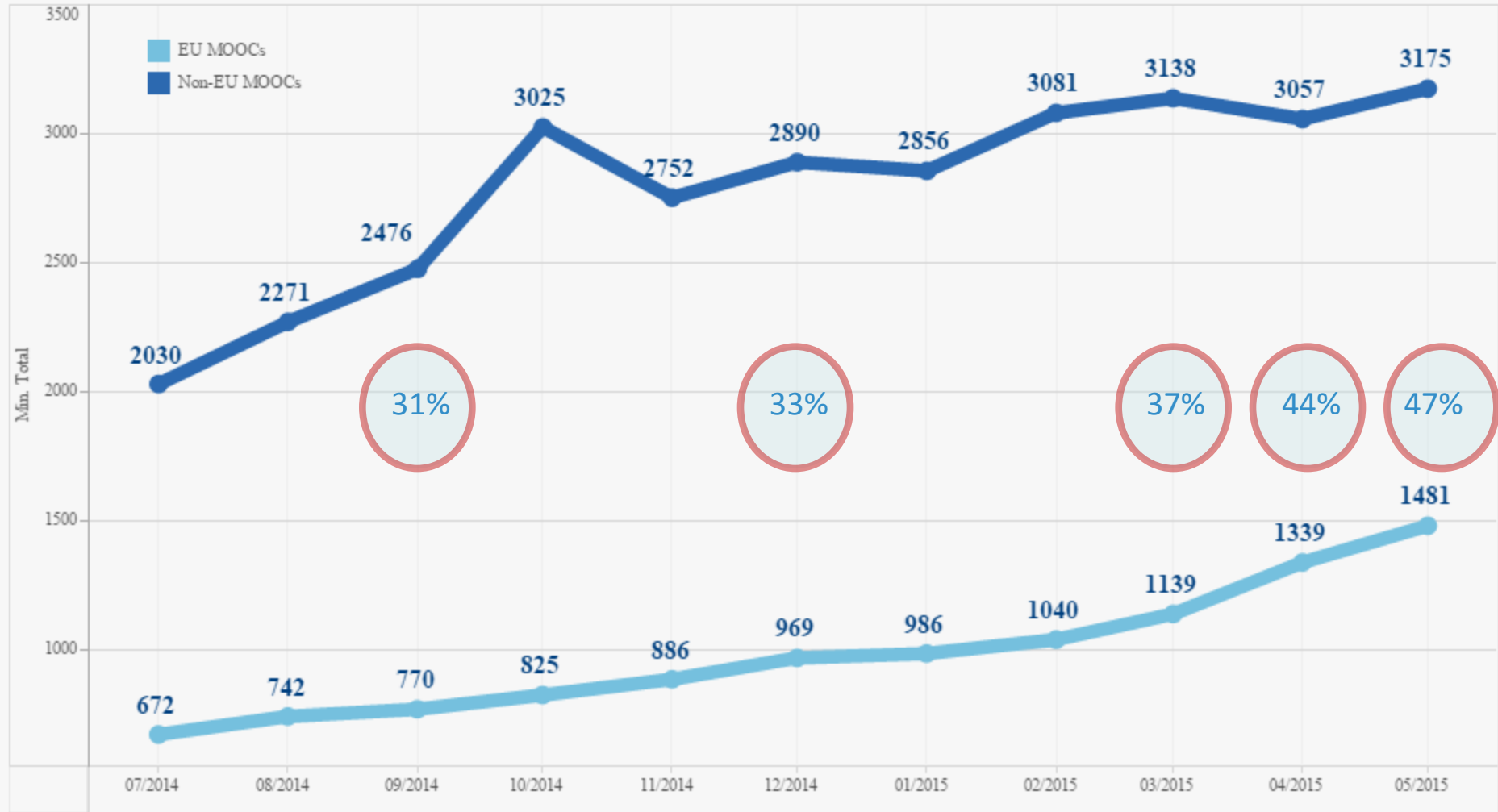
■ MOOCs in our database

■ MOOCs starting in May

[http://openeducationeuropa.eu/sites/default/files/images/scoreboard/Scoreboard\\_April\\_2015.png](http://openeducationeuropa.eu/sites/default/files/images/scoreboard/Scoreboard_April_2015.png)



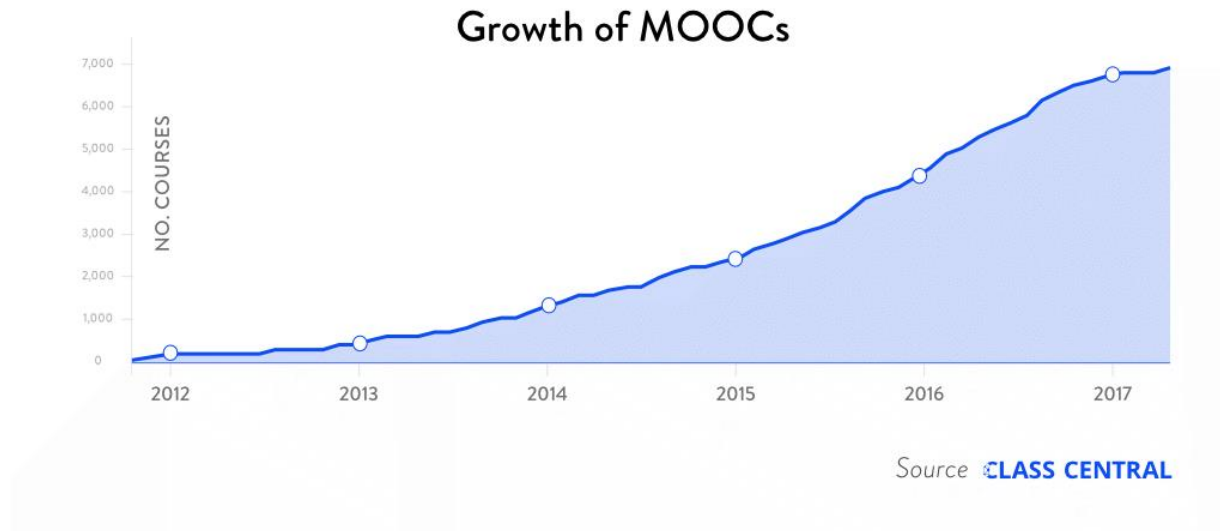
## GROWTH OVER TIME OF EUROPEAN versus NON-EUROPEAN MOOCs

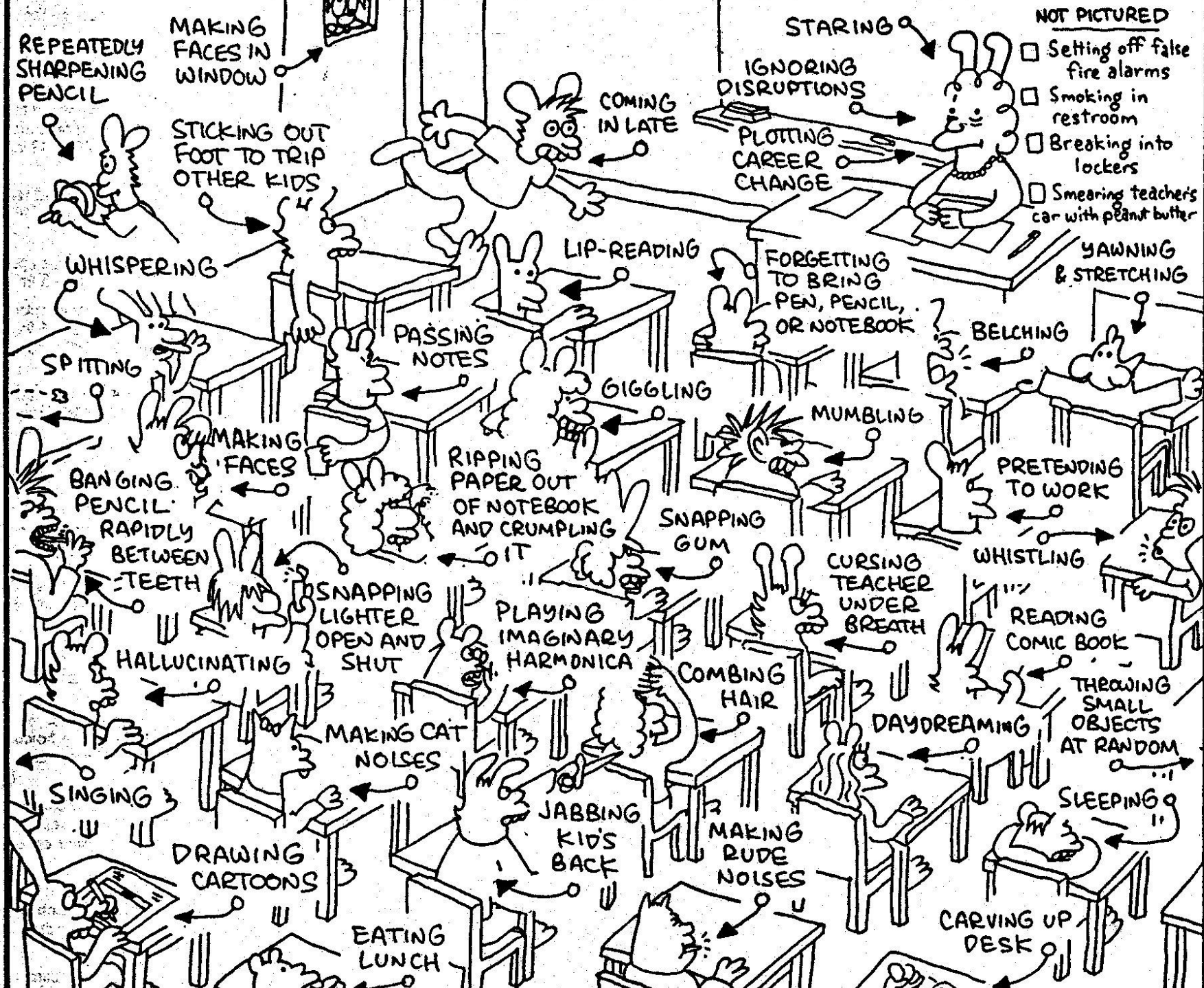


- Why did the European MOOC Scoreboard stop?

# Worldwide MOOCs SCORE2020

- Why is the number of MOOCs of Class Central not correct?





- NOT PICTURED**
- ☐ Setting off false fire alarms
  - ☐ Smoking in restroom
  - ☐ Breaking into lockers
  - ☐ Smearing teacher's car with peanut butter



*MOOCs are courses designed for large numbers of participants, that can be accessed by anyone anywhere as long as they have an internet connection, are open to everyone without entry qualifications, and offer a full/complete course experience online for free.*

In more detail the table 1 presents the different dimensions of MOOCs related to this definition. Discussion notes on these dimensions and criteria are referred to by [.] and can be found here after.

**Table 1:** *Criteria of different dimensions of proposed MOOC definition*

		<i>Dimension definition of MOOC</i>	<i>Criteria deciding for a MOOC</i>
<b>M</b>	<b>Massive</b>	An online course <i>designed</i> for large number of participants [1]	<ul style="list-style-type: none"><li>- Number of participants is larger than can be taught in a 'normal' campus class room / college situation (<math>&gt;150</math> = <a href="#"><u>Dunbar's number</u></a>)</li><li>- The (pedagogical model of the) course is such that the efforts of all services (including of academic staff on tutoring, tests, etc.) does not increase significantly as the number of participants increases.</li></ul>



- The hardware and software needed to publish and run a MOOC. A MOOC platform can be runned by the institution itself or outsourced to service providers

- Who are the main MOOC platforms in the world...?

- Who are the main MOOC platforms in the world...?

Here is a list of top five MOOC providers by registered users:

1. Coursera – 23 million
2. edX – 10 million
3. XuetangX – 6 million
4. FutureLearn – 5.3 million
5. Udacity – 4 million



- Funding Received: **\$146.1 Million**
- In 6 Rounds from 12 Investors
- Funding Rounds (6)
  - **\$11.6M** Oct 2015
  - **\$49.5M**, Aug 2015
  - **\$20.0M** Nov 2013
  - **\$43.0M** Jul 2013
  - **\$ 6.0M** Jul 2012
  - **\$16.0M** Apr 2012



- Funding Received: **\$160 Million**
- In 4 Rounds from 13 Investors
- Funding Rounds (4)
  - **\$105M** Nov 2015
  - **\$35M** Sep 2014
  - **\$15M** Oct 2012
  - **\$5M** Jan 2012



- Funding Received: **\$173 Million**
- In 6 Rounds from 17 Investors
- Funding Rounds (6)
  - **\$60M** Jun 2016
  - **\$65M** Jun 2015
  - **\$32M** May 2014
  - **\$12M** Dec 2012
  - **\$3M** Oct 2011
  - **\$1M** Aug 2010

- Why don't we have a European MOOC platform?



# MOOC provider

- Which continents has provided the most MOOC?

- Which continents has provided the most MOOC?

## Providers

With 1700+ active courses, Coursera is still the largest MOOC provider even after discontinuing [hundreds of courses](#).

EdX is not far behind with 1300 courses, followed by FutureLearn with 480 courses. \

After this there is Latin American MOOC provider Miríada X with 350 courses in Spanish followed by XuetangX with 300+ courses in Chinese.

# MOOC provider

- Institution that creates and publishes a MOOC. In many cases, these are HEIs, but MOOCs are also offered by various agencies, social enterprises or organisations

# MOOC involvement HEIs

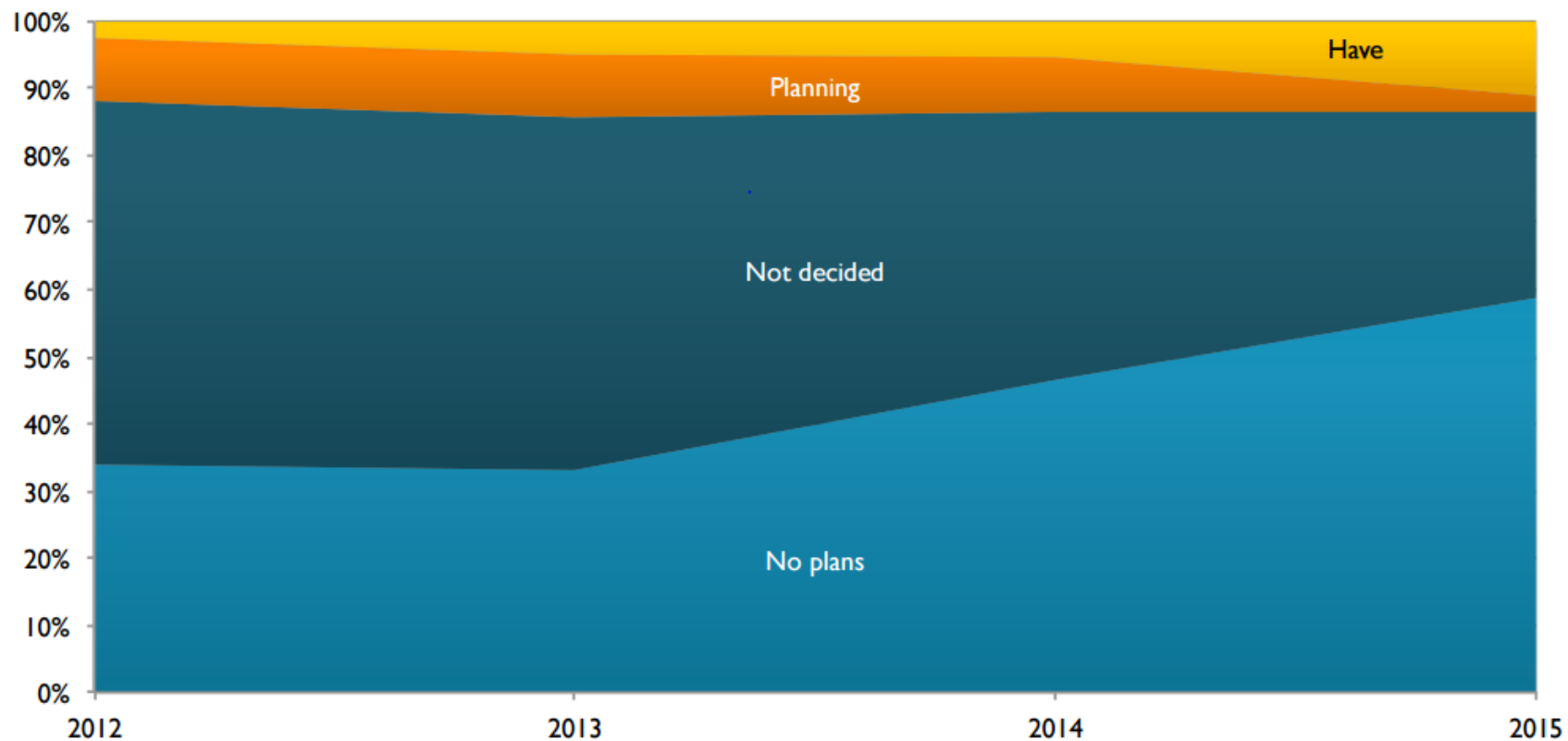
- **How many HEIs are involved in MOOCs?**
- **Does this differ between regions and countries?**

Table 1 *Survey Characteristics of Different MOOC Studies*

<i>Survey</i>	<b>Sample methodology</b>	<b>Total sample</b>	<b>Institutions Responded</b>	<b>Institutions answering MOOC questions</b>
<i>US2013</i>	Self-selected sample	4.726 in U.S.	2.831	Only institutions that had MOOC offering or plans: 405 institutions (14.3%)
<i>US2014</i>	Self-selected sample	4.891 in U.S.	2.807	Only institutions that had MOOC offering or plans: 382 institutions (13.6%)
<i>US2015</i>	Self-selected sample	All degree-granting HEIs open to public		No MOOC questions anymore (only Q on planned or not)



## ROLE OF MOOCs AT YOUR INSTITUTION - 2012 TO 2015



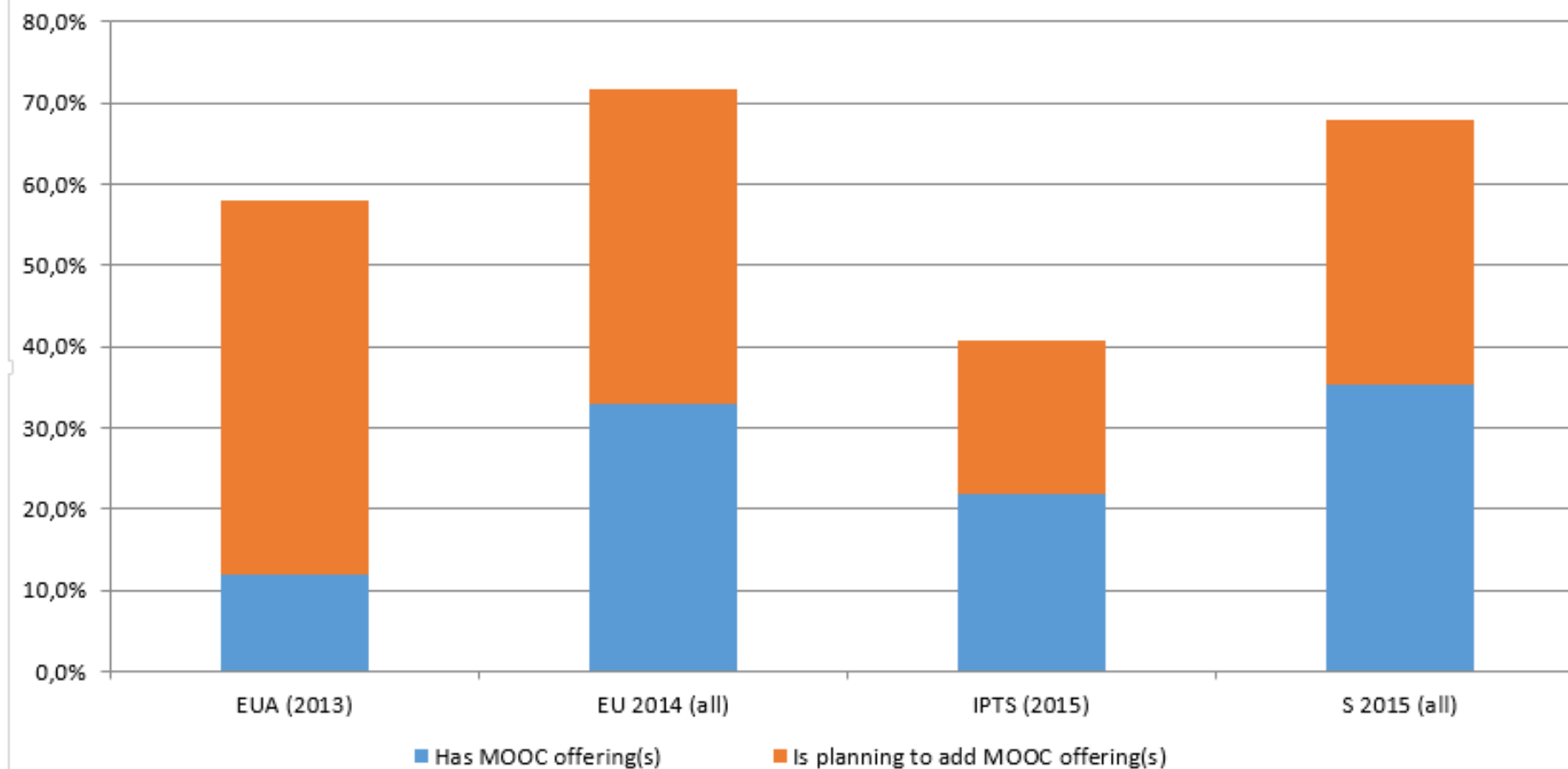
Source: ONLINE REPORT CARDTRACKING ONLINE EDUCATION IN THE UNITED STATES

<http://onlinelearningsurvey.com/reports/onlinereportcard.pdf>

Table 1 *Survey Characteristics of Different MOOC Studies*

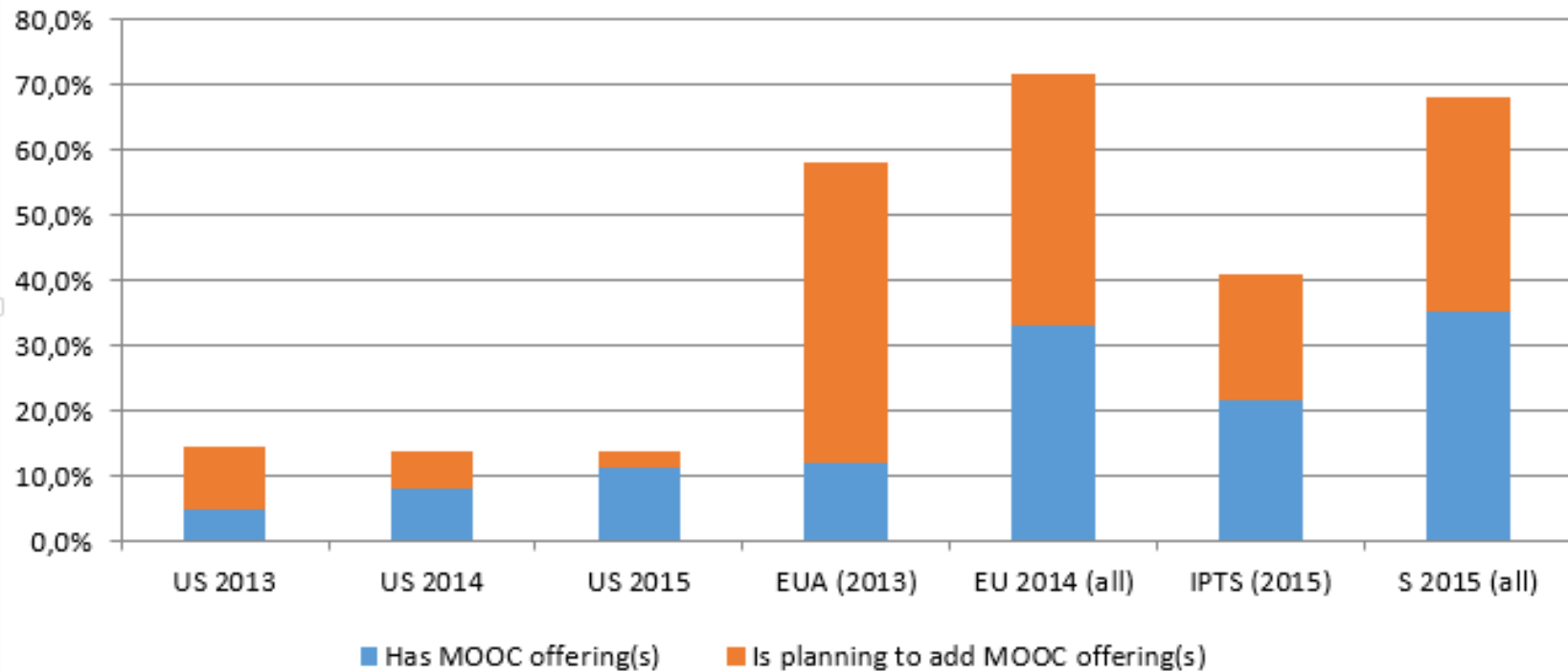
<i>Survey</i>	<b>Sample methodology</b>	<b>Total sample</b>	<b>Institutions Responded</b>	<b>Institutions answering MOOC questions</b>
<i>EUA2013</i>	Self-selected sample (EUA members)	800 in Bologna Area	249	All 249
<i>EU2014</i>	Open	Potentially all HEIs in European system	67	All 67
<i>S2015</i>	Open	idem	150	All 150
<i>IPTS2015</i>	Open	Only	178	Neff 118

Status of MOOC offerings - 2013 to 2015



## Why is Europe so much more involved in MOOCs?

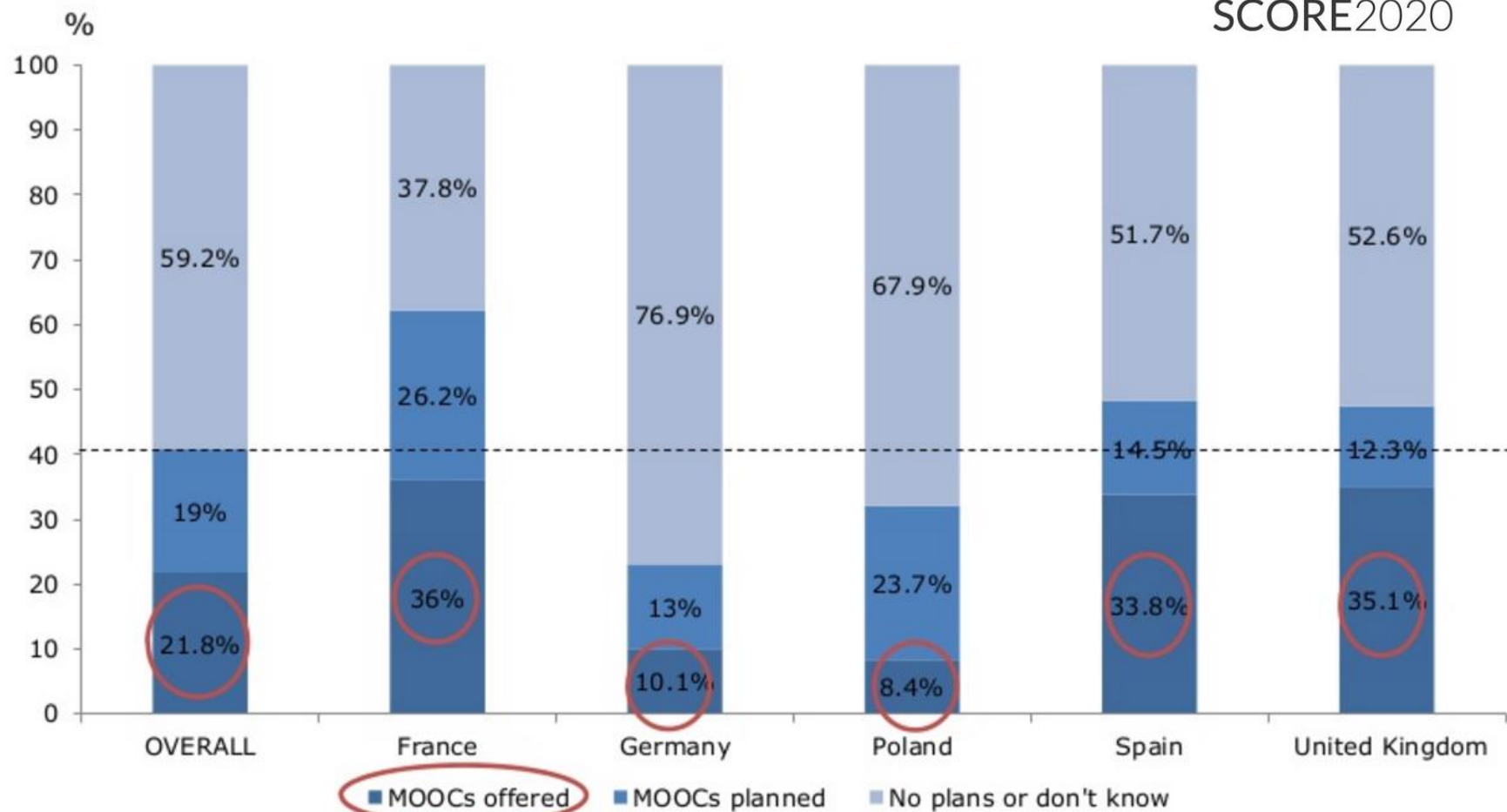
Status of MOOC offerings - 2013 to 2015



# Offer of MOOCs



SCORE2020



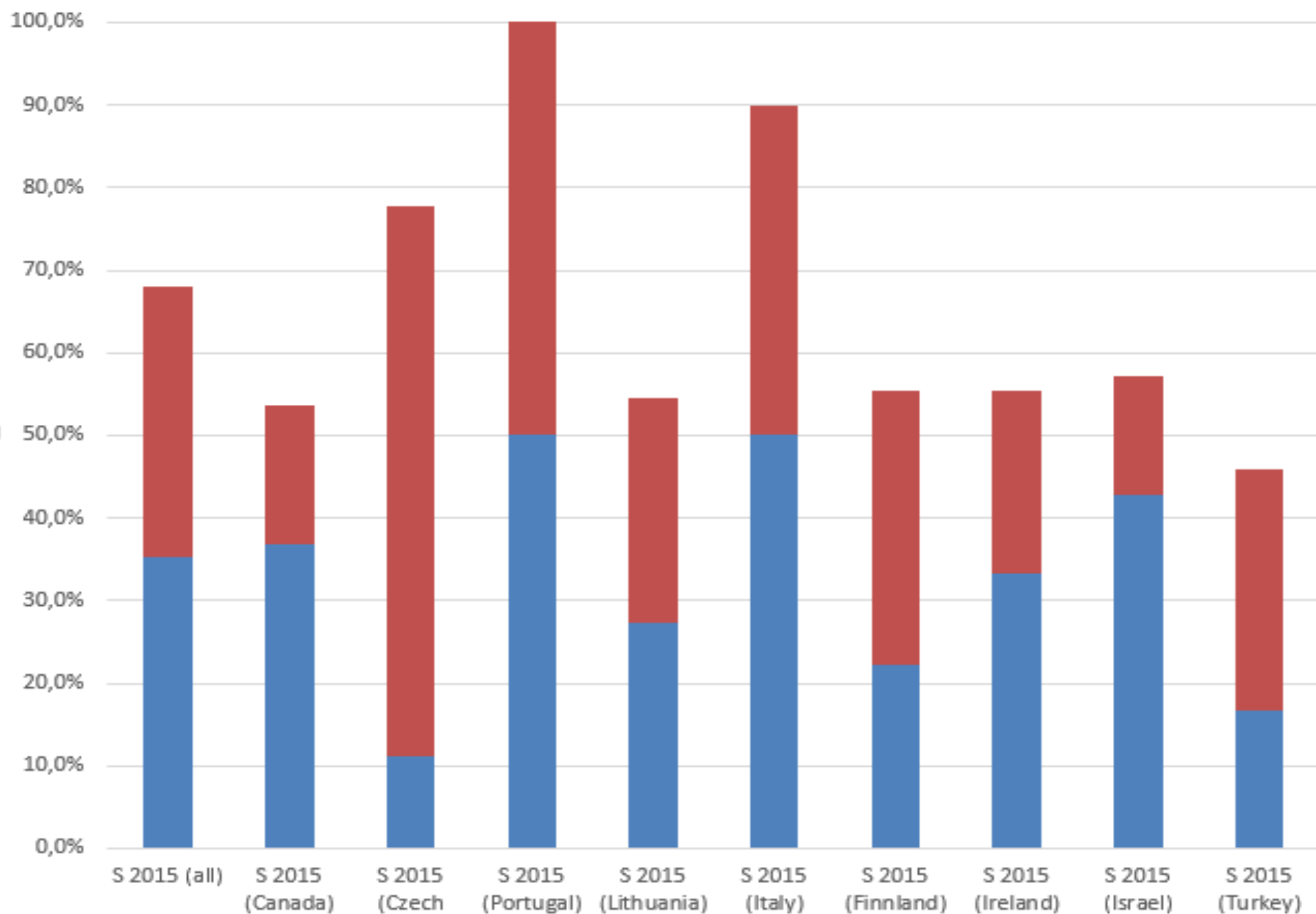
<http://www.slideshare.net/yvespunie/ipts-opensurvey-final-55974682>



## Survey (2015)

■ Is planning to add MOOC offering(s)

■ Has MOOC offering(s)



## MOOC offering in Europe

- European institutions are more involved in MOOCs than the US
- Is Eastern Europe going to be involved significantly as well?
  - In Czech Republic 66% is planning a MOOC
  - In Poland 24%
- Large US and EU differences:
  - ECTS framework
  - Difference between higher educational systems.  
*Continental European related to state funding - most institutions have equal resources*  
*Market-based US model has mixed private-public funding and provision with large differences between HEIs.*
- What are the main motives at institutional level to be involved (or not) in MOOCs?

- Are most MOOCs in Coursera provided by European HEIs?
- Are most partners of Coursera European MOOCs?

# MOOCs in Europe

- ~~Are most MOOCs in Coursera provided by European HEIs?~~

—

- ~~Are most partners of Coursera European MOOCs?~~

## Diversity as a strength?

“When I see the cultural diversity that exists today, I feel that we must defend it, and we need Europe, because otherwise we are going to live in a society with a single model, the Anglo-American model.”

*Jean-Pierre Raffarin*

“Diversity: the art of thinking independently together.”

*Malcolm Forbes*

“It is difference of opinion that makes horse races.”

*Mark Twain*

- ❖ Decentralised model for MOOC platforms (ECO, OpenupEd)
- ❖ Central platform supporting many languages (EMMA)
- ❖ Translation / language services (EMMA)
- ❖ Developing additional pedagogical&didactical approaches (e.g., sMOOC)
- ❖ Quality label for MOOCs embracing diversity in approaches (OpenupEd)
- ❖ Training teachers and others in developing MOOCs (ECO)
- ❖ Questionnaire for MOOC participants including intention, motivation, impact (MOOCKnowledge)
- ❖ Benchmarking institutional and governmental MOOC strategies (HOME)
- ❖ Building on expert networks (HOME)
- ❖ Regional support centres for open education and MOOCs (SCORE2020)
- ❖ Removing barriers to learning both at the entry into learning and along the learning path
- ❖ Focusing on inclusion, social mobility, equity

## MOOC movement

- MOOCs: predominantly US
  - where it all started as of 2011 and expanded massively
  - and which houses major providers Coursera, edX, Udacity
- **Response in Europe is fragmented**
  - some universities *joined US initiatives*, others started themselves
  - *country/language-based platforms*: FutureLearn (UK), MiríadaX, UNEDcoma (Spain), Iversity (Germany), FUN (France), OpenMOOC, OpenClassroom, EMMA-platform, MOODle, ...
- Governmental involvement: e.g. Opening up Slovenia, FUN, ...



## Europe must “seize this moment”

The “**Porto Declaration on European MOOCs**”

- embracement of openness for all
- a collective European response
- strengthening of collaboration of universities across Europe.

It is essential that a cohesive and collaborative effort is adopted in Europe to counteract the risks and to fully realise the opportunities of open and online education (including equity, inclusion, etc.)

*Learning design  
informed by  
analytics*

*Flipped  
classroom*

*Dynamic  
assessment*

*Personal inquiry  
learning*

*Learning  
through  
storytelling*

*Treshold  
concepts*

*Digital  
scholarship*

*Learning from  
gaming*

*MOOCs*

*Massive open  
social learning*

*sMOOCs*

*OER - OEPs*

# New formats degree program SCORE2020

Exchange mobility  
(Erasmus)

Blended/online mobility  
(Virtual Erasmus)

Intensive programmes,  
summer schools;  
blended/online  
discussion groups, think  
tanks, seminars and  
webinars

Networked curricula and  
double degrees

Joint curricula and joint  
degrees

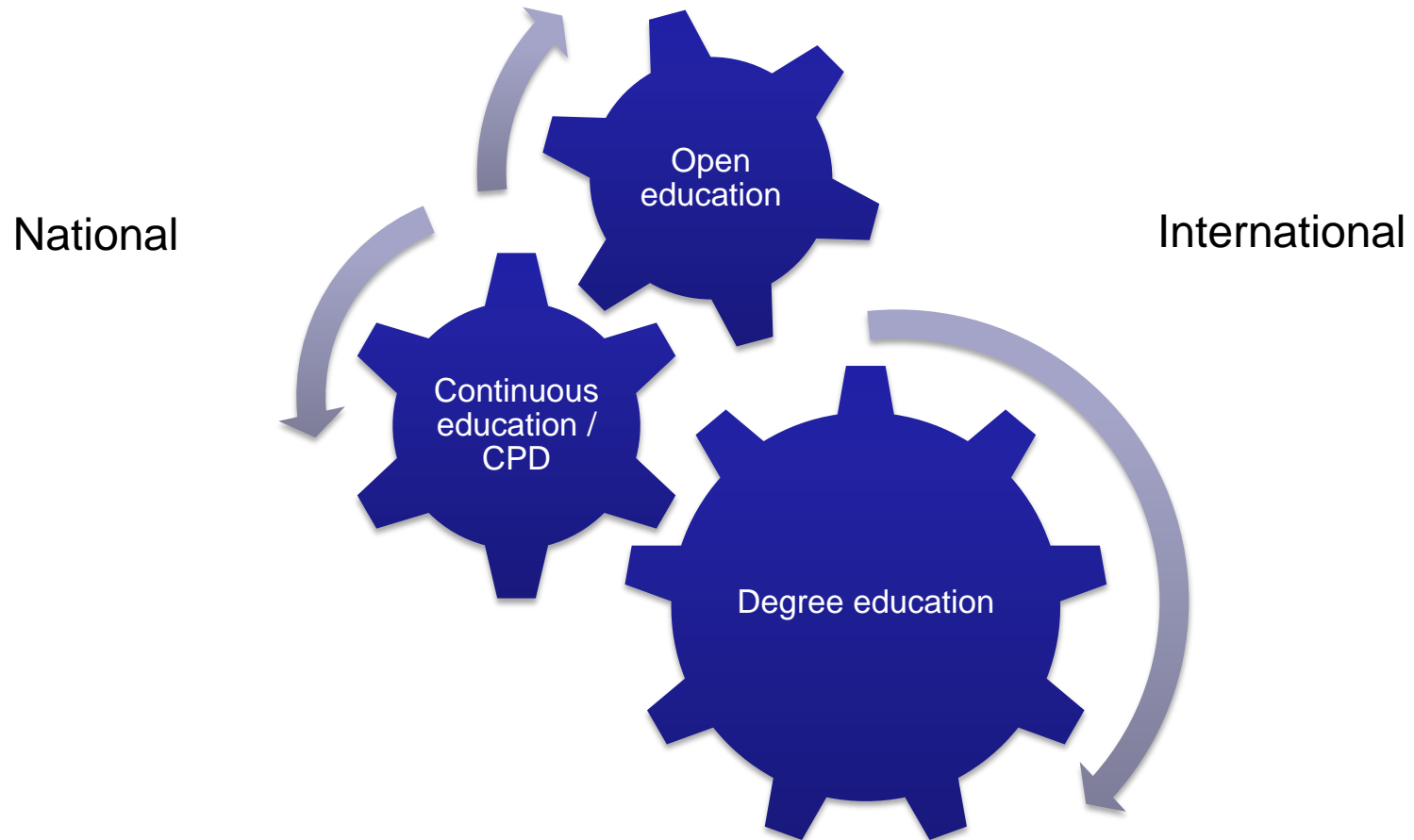
Joint PhD degrees

International  
apprenticeships

Collaborative projects

Micro-masters  
nano-degrees  
short learning programs

# Three areas of provision



## Follow-up research – survey 2016

- Support structures for (European) HEIs in their MOOC development and uptake *Especially for those HEISs that cannot join the big (commercial) MOOC players because of their exclusive policies.*
- Policies and experiences in the re-use of existing MOOCs
- Preferable scenarios (both institutional and cross-institutional) to exploit MOOCs
- The potential use of MOOCs to migrants and those (potentially) left behind, including available MOOCs that might be of interest for refugees (e.g. by topics)

## Using diversity as a strength!

Many European platforms and many MOOC service providers

Developing a 'framework' for cohesive and collaborative effort

Pro-active coordination for diverse MOOCs services for all

Embrace different solutions – objectives – target groups – pedagogical approaches – languages – etc.

# Any questions?







Thank you!!!



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