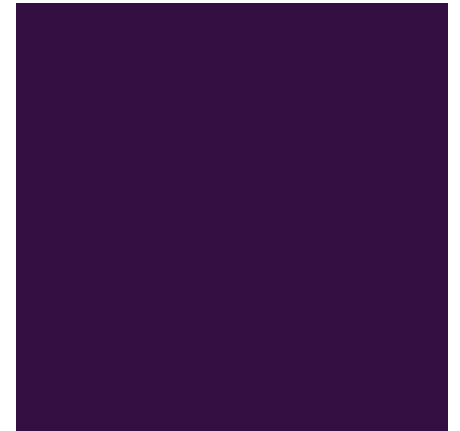
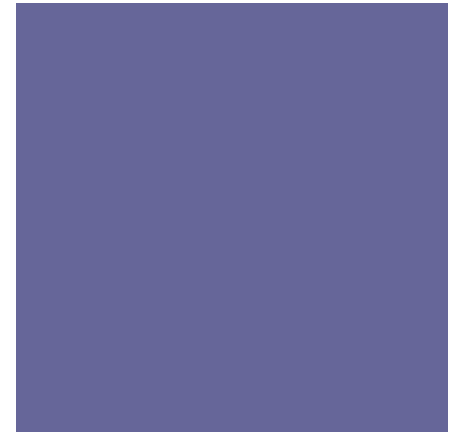




# Hitos de la educación abierta: REA, MOOCs y más allá.

Un recorrido por la  
historia reciente y no tan  
reciente.



**Dr Daniel Villar-Onrubia**

Coventry University

@villaronrubia

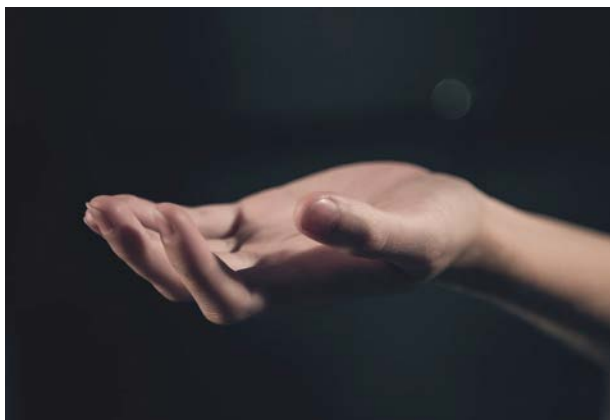
# + Disruptive Media Learning Lab





# abierto, ta:

Del part. de *abrir*; lat. *apertus*





**1** Allowing access, passage, or a view through an empty space; not closed or blocked.

**1.1** (Of a container) not fastened or sealed

**3.1** (Of a book or file) with the covers parted allowing it to be read

**5** Freely available or accessible; unrestricted

**5.2** With no restrictions on those allowed to participate

**6.3** Welcoming public discussion, criticism, and enquiry





Classroom of Mabel Adams with 8 children  
Folsom, A.H. Horace Mann School photographs (CC BY 2.0)

+ 2016



“A mode of carrying out education, often using digital technologies, aiming to widen access and participation to everyone by removing barriers and making learning accessible, abundant, and customisable for all. It offers multiple ways of teaching and learning, building and sharing knowledge, as well as a variety of access routes to formal and non-formal education, and connects the two.”

Source: JRC IPTS Report: *Opening up Education: a support framework for higher education institutions* (forthcoming, 2016)



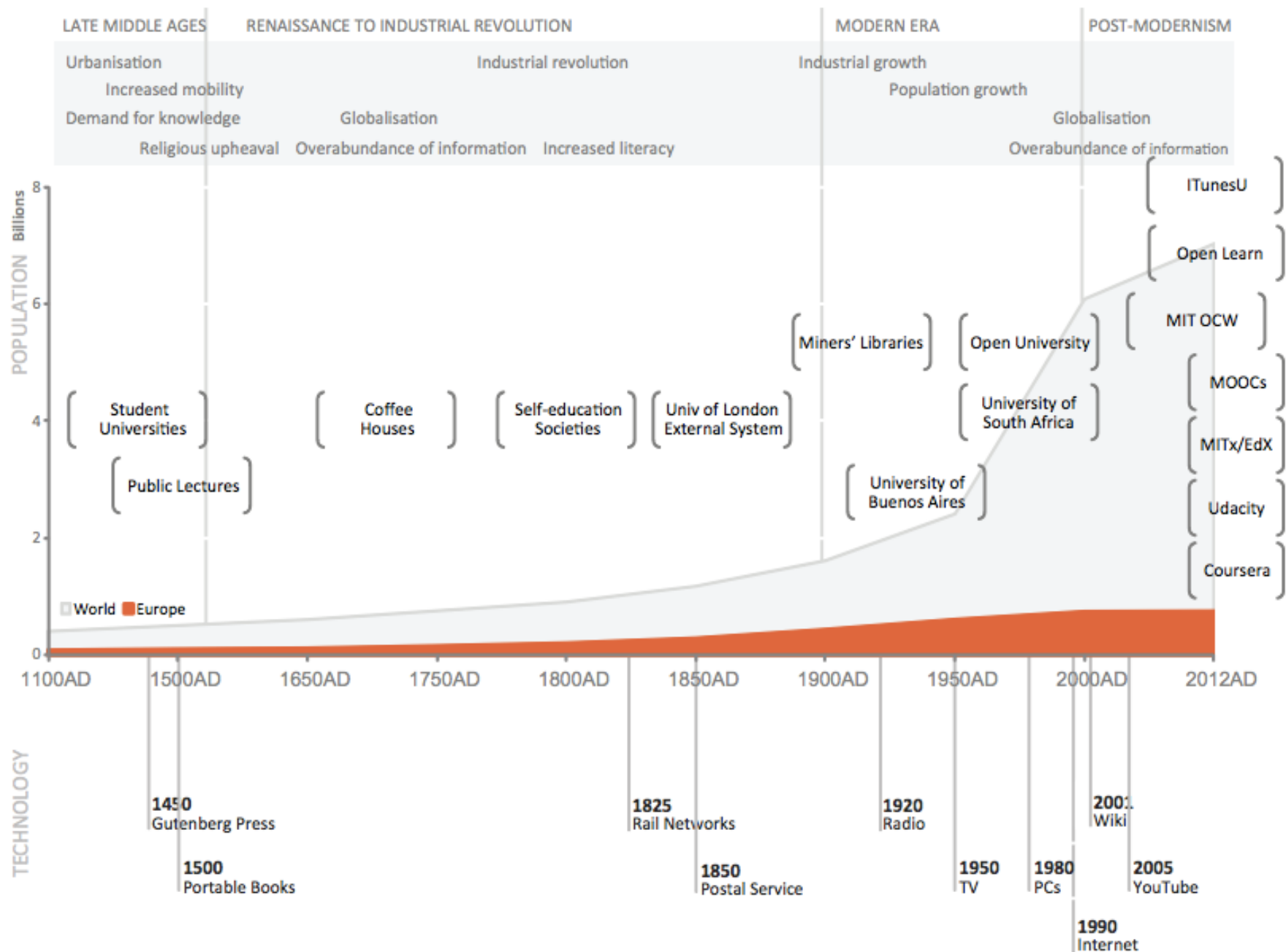
## 1970s



“Avid promoters of open education commissioned architects to build schools without walls. Teams of teachers worked collaboratively with one another, using movable dividers to reconfigure the open space for large- and small-group projects and individual study.

By the early 1970s, the phrase **open classrooms** dominated educators’ vocabularies. Even though parents and practitioners found it hard to pin down exactly what open education meant, many school boards adopted open-education programs, and open-space schools were built across the country.”

Cuban, Larry (2004). ‘The Open Classroom’. *Education Next* 4, no. 2.  
<http://educationnext.org/theopenclassroom/>





+  
1836

## University of London

- Sin discriminación por religión or raza.
- 1878: mujeres
- 1858: External System





# 1870s Oxford & Cambridge

## Extensión universitaria

- 1845: abrir la universidad estudiantes con menos recursos
- James Stuart.
- Responsabilidad comunitaria.

Goldman1995



# + 1918

## Cordoba Reform (Argentina)

- Autonomía de las universidades.
- Gobernanza compartida.
- Institución laica.
- Sin coste de matrícula.



+ 1927

## British Broadcasting Corporation

- Informar
- Educar
- Entretener









# + 1965

## Open University

- “The model of technology-based distance education really received its impetus in the 1960s when the Open University in the UK was established founded on the idea that communications technology could extend advanced degree learning to those people who for a variety of reasons could not easily attend campus universities.”

Michael Peters: 'Openness' and 'Open Education' in the Global Digital Economy: An Emerging Paradigm of Social Production



Chmee2 (CC BY-SA)

early  
milestones

## Key Layers of the Internet

milestones

email@-1971  
Ray Tomlinson

CONTENT

1991-.html  
Berners-Lee & Cailliau

Archie-1990  
Emtage & Deutsch

SEARCH ENGINE\*

1998-Google  
Brin & Page

DOS Houdini-1986  
Neil Larson

BROWSERS

1993-Mosaic  
Marc Andreessen

(Vannevar Bush,  
Ted Nelson,  
Douglas Engelbart)

WORLD WIDE WEB

1990-http://  
Tim Berners-Lee

ARPANET-1969  
J.C.R. Licklider

INTERNET

1975-TCP/IP  
Cerf & Kahn

SAGE-1956  
George Valley

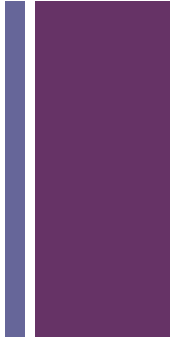
NETWORKS

1973-Ethernet  
Robert Metcalfe

Z3-1941  
Konrad Zuse

COMPUTERS

1976-Apple  
Jobs & Wozniak



- Source
- Access
- Data
- Content
- Licenses
- Educational Resources
- Educational Practices
- Knowledge

# + Código libre - abierto





# Acceso abierto



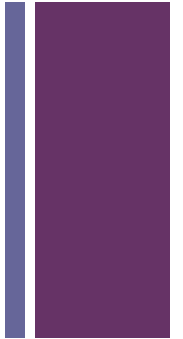
"Open-access (OA) literature is digital, online, free of charge, and free of most copyright and licensing restrictions. What makes it possible is the internet and the consent of the author or copyright-holder."

Peter Suber (2004): A Very Brief Introduction to Open Access.  
<http://legacy.earlham.edu/~peters/fos/brief.htm>





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“El conocimiento es abierto si cualquiera es libre para acceder a él, usarlo, modificarlo y compartirlo bajo condiciones que, como mucho, preserven su autoría y su apertura.”

<http://opendefinition.org/>



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SA



BY

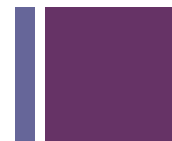


NC



ND






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PUBLIC DOMAIN	✓	✓	✓	✓	✓	✗	✓	✗
CC BY	✓	✓	✓	✓	✓	✗	✓	✗
CC BY SA	✓	✓	✓	✓	✗	✗	✗	✗
CC BY NC	✓	✓	✓	✗	✓	✗	✓	✗
CC BY ND	✗	✗	✗	✗	✗	✗	✗	✗
CC BY NC SA	✓	✓	✓	✗	✓	✗	✓	✗
CC BY NC ND	✗	✗	✗	✗	✗	✗	✗	✗




+ 1999

 openstax cnx<sup>®</sup>

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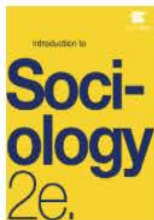
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# + 2001

- Más de 5 millones de artículos.
- El único recurso educativo entre los 10 sitios más visitados.
- Wikipedians in residence.
- Editathons.



+ 2001

The screenshot shows the MIT OpenCourseWare website homepage. At the top, there's a navigation bar with the MIT OpenCourseWare logo, a 15th anniversary badge, and social media links. Below the navigation bar is a large banner featuring a photograph of the MIT dome at night. The banner text reads: "Unlocking Knowledge, Empowering Minds. Free lecture notes, exams, and videos from MIT. No registration required." and includes a "Learn more" link. Below the banner is a red "Support OCW" section with a testimonial from Joao Self Learner from Canada and a "DONATE NOW" button. At the bottom, there's a "FEATURED COURSES" section with four course cards: "Data, Models, and Decisions", "Topics in Mathematics of Data Science", "The City of Athens in the Age of Pericles", and "Becoming the Next Bill Nye: Writing and Hosting the Educational Show". A "Get Started" button is located at the bottom right.

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Canada

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Becoming the Next Bill Nye: Writing and Hosting the Educational Show

OCW makes the materials used in the teaching of MIT's subjects available on the Web.

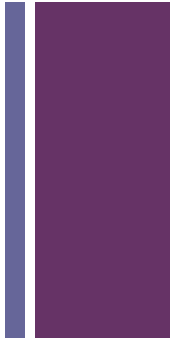
Get Started >

www.ocw.mit.edu



+

2002



## Open Educational Resources (OER)

- “The open provision of educational resources, enabled by **ICTs** for **consultation, use** and **adaptation** by a community of users for **non-commercial purposes**” (UNESCO 2002, p.24)

+ 2005

Search for open courses ...

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Courses

Directory





+ 2006

Contenidos producidos  
para los cursos de la  
Open University.



+ 2006



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+ 2006

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**KHAN**  
ACADEMY

+ 2007



## THE CAPE TOWN OPEN EDUCATION DECLARATION

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### The Cape Town Open Education Declaration

The Cape Town Open Education Declaration arises from a [small but lively meeting](#) convened in Cape Town in September 2007. The aim of this meeting was to accelerate efforts to promote open resources, technology and teaching practices in education.

Convened by the Open Society Institute and the Shuttleworth Foundation, the meeting gathered participants with many points of view from many nations. This group discussed ways to broaden and deepen their open education efforts by working together.

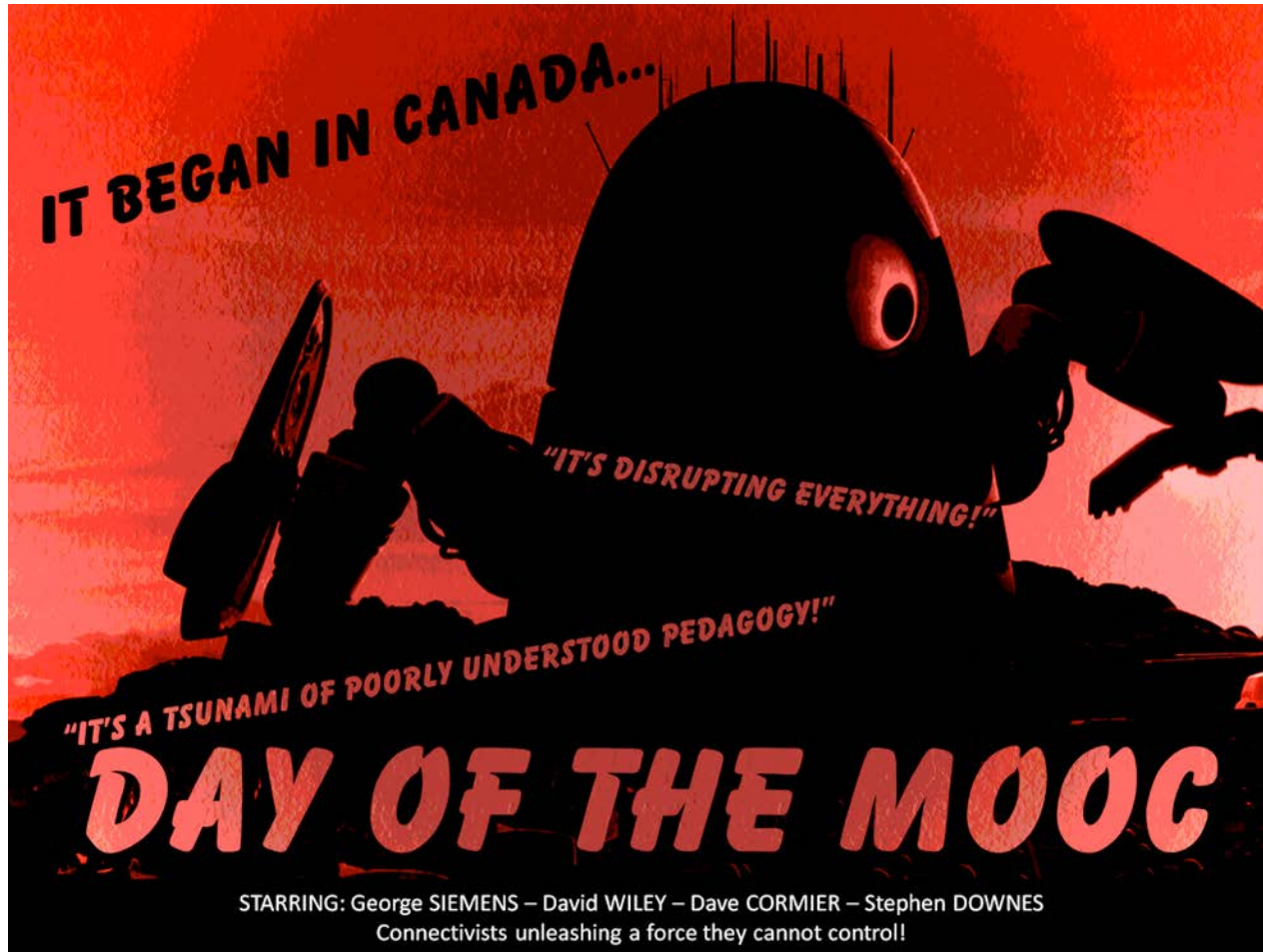
The first concrete outcome of this meeting is the [Cape Town Open Education Declaration](#). It is at once a statement of principle, a statement of strategy and a statement of commitment. It is meant to spark dialogue, to inspire action and to help the open education movement grow.

Open education is a living idea. As the movement grows, this idea will continue to evolve. There will be other visions initiatives and declarations beyond Cape Town. This is exactly the point. The Cape Town signatories have committed to developing further strategies, especially around open technology and teaching practices.

The [Declaration](#) has already been signed by hundreds of learners, educators, trainers, authors, schools, colleges, universities, publishers, unions, professional societies, policymakers, governments, foundations and other kindred open education initiatives around the world. We encourage you to [join us](#).



+ 2008



<http://assignments.dsl06.us/assignments/the-horror-of-moocs/>


+ 2012

Franglais - Español

Google Custom Search ok

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**Access to knowledge**

- Access for people with disabilities
- Archives
- Ethics of Information
- Free and Open Source Software (FOSS)
- Information literacy
- Internet Governance
- Libraries
- Linguistic diversity and multilingualism on Internet
- Open access to scientific information

**Open educational resources**

- Implementing the Paris OER Declaration

**What is the Paris OER Declaration?**

 The **2012 Paris OER Declaration** was formally adopted at the 2012 World Open Educational Resources (OER) Congress held at the UNESCO Headquarters in Paris from 20 – 22 June 2012.

- Déclaration de Paris sur les REL 2012 (French)
- Declaración de París de 2012 sobre los REA (Spanish)
- إعلان باريس لعام 2012 بشأن الموارد التعليمية المفتوحة (Arabic)
- 2012年开放式教育资源巴黎宣言 (Chinese)
- Парижская декларация по ООП 2012 г. (Russian)

The Declaration marks a historic moment in the growing movement for Open Educational Resources and calls on governments worldwide to openly license publicly funded educational materials for public use.

Non Official Translations of the 2012 Paris OER Declaration :


- Declaração REA De Paris em 2012 (Portuguese)
- Declaració de París de 2012 sobre REO (Catalan)
- 2012 Paris AEK Bildirgesi (Turkish)
- 2012 파리 OER 선언 (Korean)
- ปฏิญญากรุงปารีสด้านแหล่งทรัพยากรการศึกษาแบบเปิด พ.ศ. ๒๕๕๕ (Thai)
- Imyanzuro ya Parisi ku byigwa biboneka ku buntu yo mu mwaka w'2012 (Kinyarwanda)
- Pariser Erklärung zu OER 2012 (German)

**Q&A ABOUT OER**

- What are Open Educational Resources (OERs)?
- Why should I care about OERs?
- What are some examples of OER projects?
- How has UNESCO supported OERs?
- What is the 2012 World Open Educational Resources Congress and what are its aims?
- What is the Paris Declaration?
- How can I get involved?

**RELATED INFORMATION**

**PUBLICATIONS/DOCUMENTS**

 Guidelines on Open Educational Resources (OER) in Higher Education







# REA: Definiciones Unesco



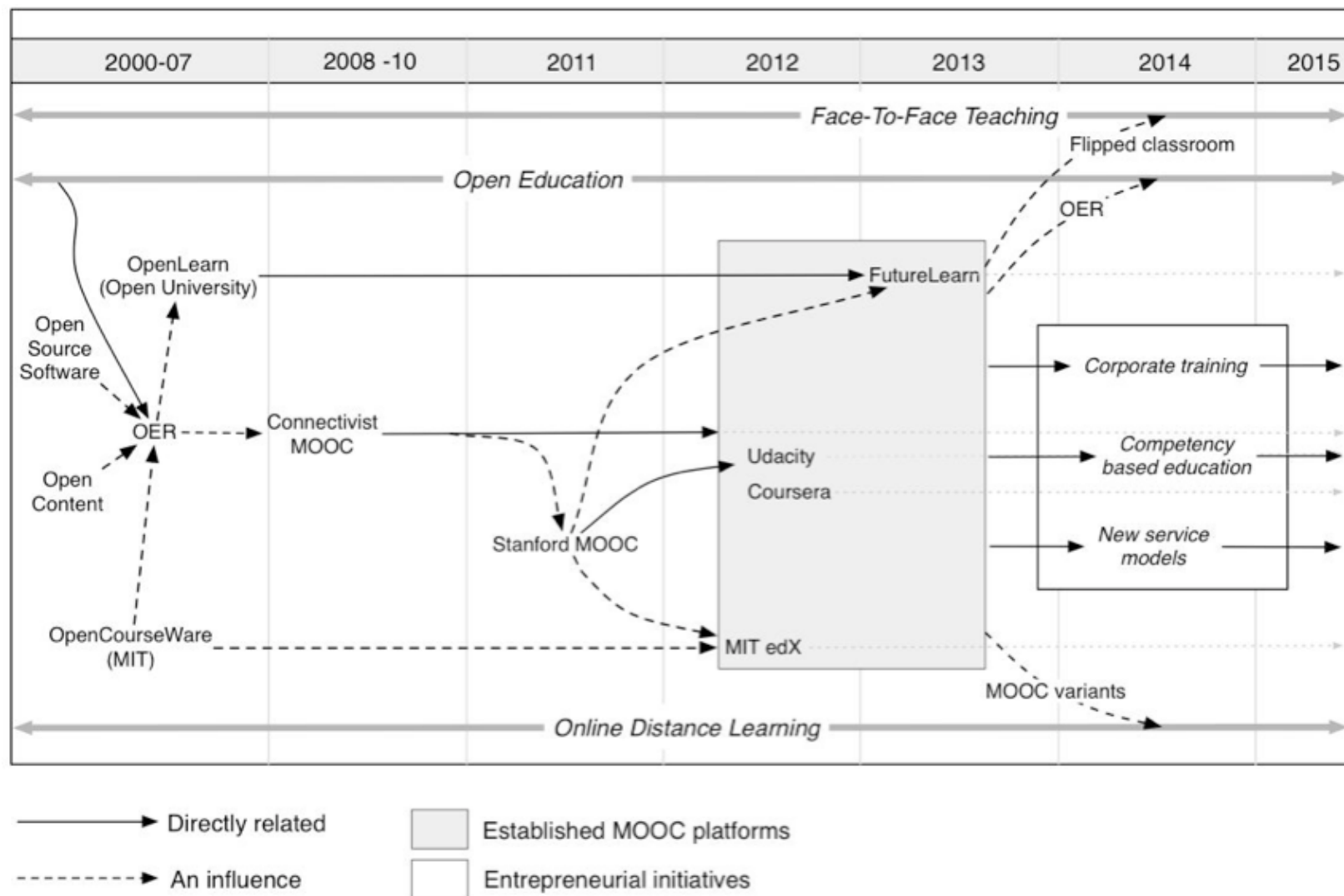
2002

“The open provision of educational resources, enabled by **ICTs** for **consultation**, **use** and **adaptation** by a community of users for **non-commercial** purposes.”

2012

“Teaching, learning and research materials in any medium, digital or **otherwise**, that reside in the public domain or have been released under an open license that permits no-cost access, use, adaptation and **redistribution** by others with **no** or **limited** restrictions.”

# + 2012



## Compare Search terms ▾

**Open edu...**

Topic

**Massive o...**

Topic

**OCW**

Search term

**Open Edu...**

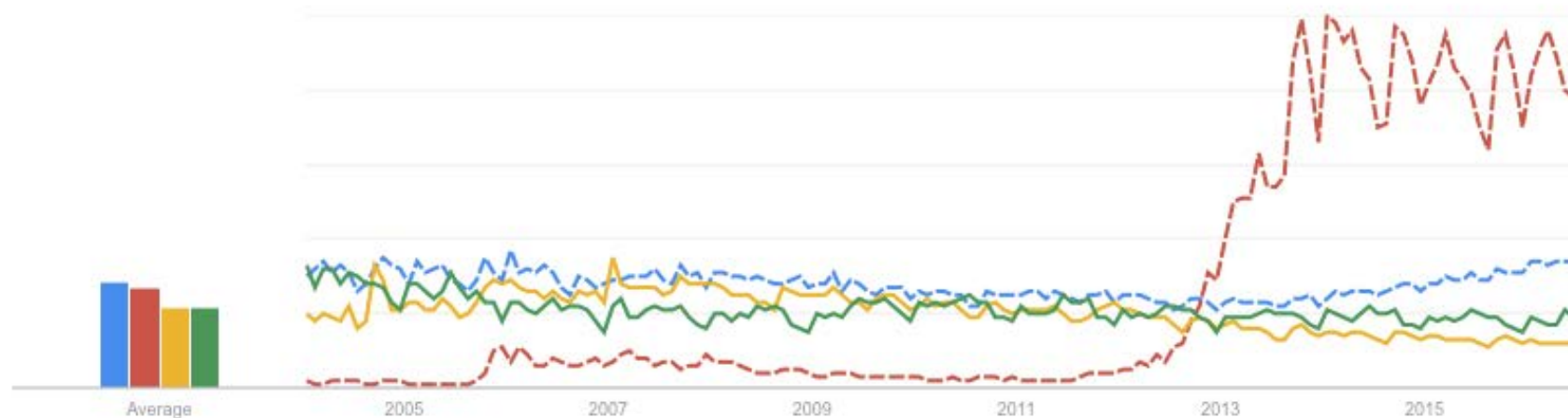
Search term

+ Add term

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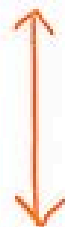


</>



**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?

**O**

ONLINE

ROLE  
OF THE  
COHORT?

SELF-PACED?

**C**

COURSE

START/END DATES?

FOR CREDIT?

ROLE OF THE  
TEACHER?

SCRIPTED ASSESSMENT?

SCRIPTED FEEDBACK

FREE?

EVERY LETTER  
IS NEGOTIABLE!!!

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

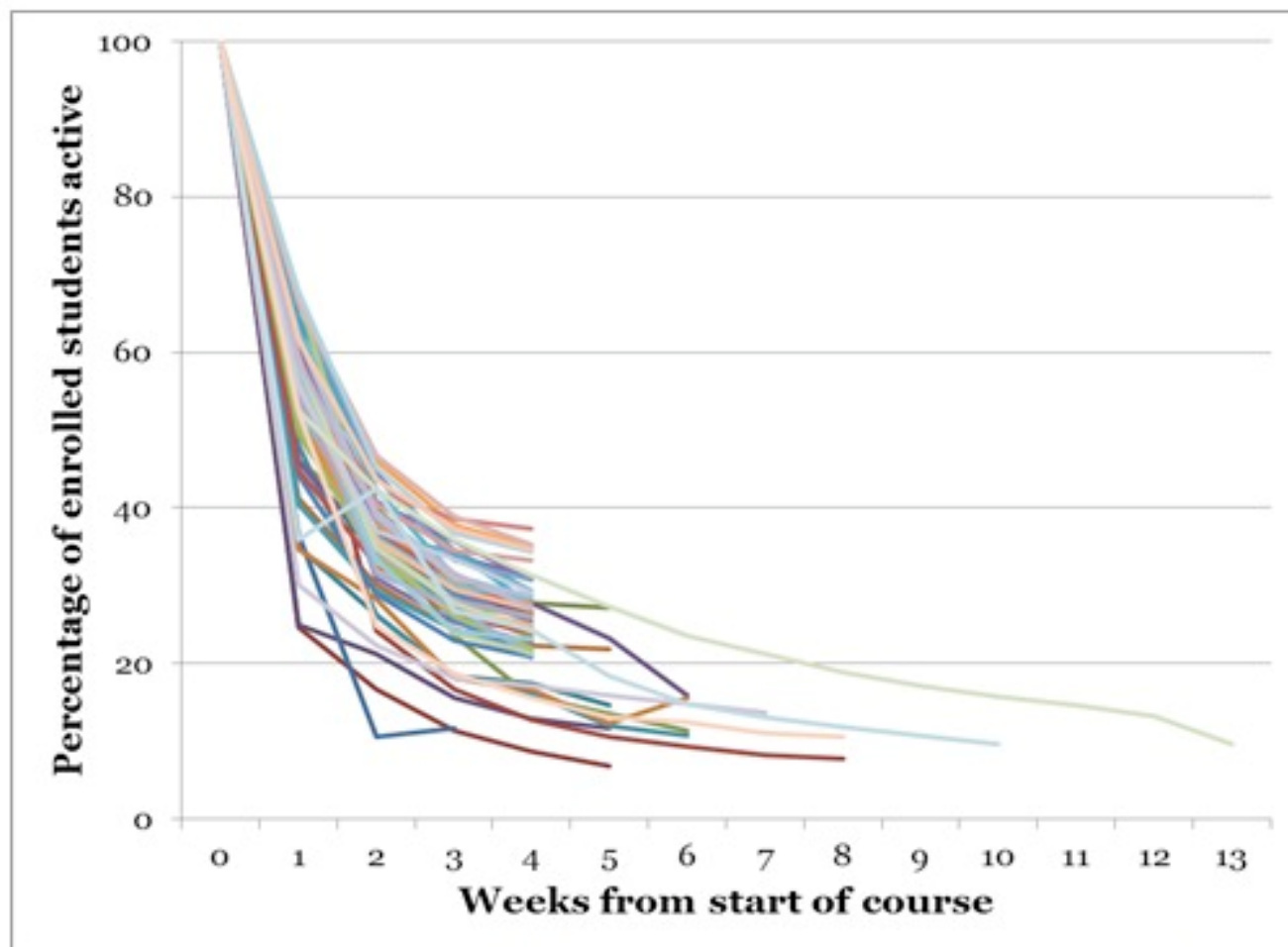


Figure 5. Proportion of active students (accessing course materials) per week since start of course as a percentage of total enrolment (n=59).

**Jordan 2015. Massive Open Online Course Completion Rates Revisited: Assessment, Length and Attrition**

<http://www.irrodl.org/index.php/irrodl/article/view/2112/3340>

+ 2016

## P2PU PRESENTS: Learning Circles

Study groups for people who want to  
take online courses together, in-person.

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### Alternative Investments Education

Facilitator: **jenny zhou**

📍 **local meetup group**

399 Marine Pkway, Redwood City, CA  
94065,

**Fridays, 2 PM - 4 PM,**  
America/Los Angeles

### Journalism for Social Change

Facilitator: **Marubian Affinii**

📍 **The Fishers of Men University**

4710 Auth Road, Suitland, Maryland,  
United States

**Mondays, 5 PM - 7 PM,**  
America/New York

### Introduction to Computer Science

Facilitator: **Kelly Smith**

📍 **My House**

1646 N Chestnut Cir, Mesa  
**Tuesdays, 4 PM - 5:30 PM,**  
America/Phoenix

### Broadcast Story Writing

Facilitator: **Raymond Henderson**

📍 **Public Library, Roseau**

Victoria Street, Roseau, Saint George,  
Dominica  
**Tuesdays, 5 PM - 6:30 PM,**  
America/Denver





# + Conclusiones





# Conclusiones



Ni todo el aprendizaje en la red es abierto, ni todo el aprendizaje abierto sucede en la red.



“I believe that the motion picture is destined to revolutionize our educational system, and that in a few years it will supplant largely, if not entirely, the use of textbooks ... The education of the future will be conducted through the medium of the motion picture, a visualized education, where it should be possible to obtain one hundred percent efficiency.”

Thomas Edison (1922).

“In fact, there is only limited evidence about the use of educational broadcasting. Within the broadcasting organizations, the line between research and public relations has often been blurred; and there has been a marked reluctance to support independent evaluation.”

Buckingham. Waiting for the Revolution.



“ICTs can ‘open doors to a learning society’. Students can become their own gatekeepers on the Internet or in the library. But in the classroom and in their courses, teachers need to select which doors should be opened and closed to achieve their ends. Students and educators do not need more of everything, but control over access to the best information, services and people. If educators and politicians understand ICTs as tools for tele-access, as opposed to teaching machines, they might balance their priorities better.”

Dutton and Loader (2002). *Digital Academe. The new media and institutions of higher education and learning*







Users

Groups

We are building a directory of Open Knowledge Network members here. Please update your profile so you are included. [Find out more and contribute.](#)

## Educación Abierta (Open Education in the Spanish-speaking world)

 Working Groups  Open Education



villaronrubia

May 7

Espacio dedicado al diálogo e intercambio de información en torno a las llamadas prácticas educativas abiertas y, de manera más amplia, sobre experiencias relacionadas con la producción y difusión de conocimiento en abierto.

    Reply

created

 May 7

last reply

 28d

5

replies

329

views

2

users

2





links



fabio.nascimbene

May 9

Hola Daniel,  
muy bien tener un espacio para Educacion Abierta en Espanol!  
He estado buscando cursos online sobre OER y educación abierta en general, seria interesante utilizar esta comunidad para una recolección de lo que existe. Te parece?  
Saludos  
Fabio

     Reply

May 7

1 / 6

May 7

28d ago

