Lean MOOC production

Ignacio Despujol
Universitat Politècnica de València







UPV

- Public academic institution since 1971
 - 3 campuses
 - ▶ 13 colleges
 - 45 research centers
 - ▶ 35 bachelor degrees
 - ▶ 58 master degrees
 - ▶ 30 PhD Programs
 - ▶ 35.000 students
 - 2,500 teachers
 - ▶ 1,500 staff





January 2013







Buscar en Internet

7 semanas 16 de enero de 2013





Valoración de Futbolistas

3 semanas 16 de enero de 2013















- •3 technologies (Google, MiriadaX, OpenedX)
- •3 platforms (upvx.es, edx.org, miriadax.es)







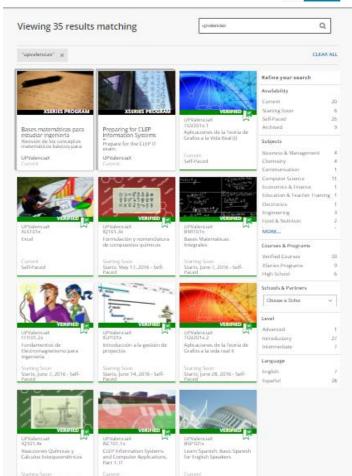






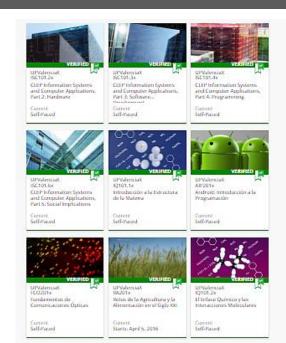
Starty: June 28, 2016 - Self-

Self-Paneil



Self-Parent

- •42 courses, 145 editions
- •485.000 enrollments
- •10,5% completion rate









Cursos masivos online de la UPV para cualquiera, en cualquier lugar, en cualquier momento.

















Back to schools and partners

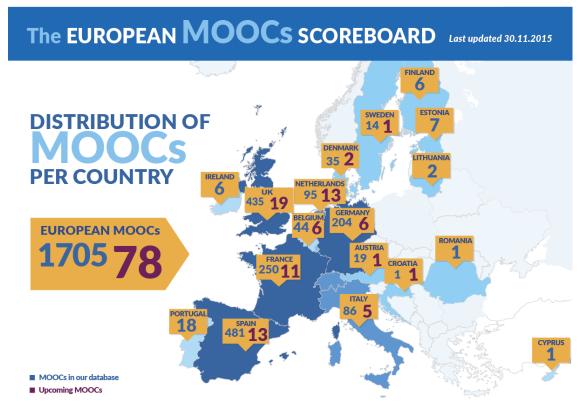
The Universitat Politècnica de Valencia (UPV) is a public educational institution that offers modern, flexible degrees designed to meet the demands of society, as well as official postgraduate programmes that are subject to demanding educational quality control systems.

It is the only Spanish technological University ranked among the best in the world, according to the Shanghai Academic Ranking of World Universities (ARWU). It is also ranked among the 100 best universities in the world that are less than 50 years old (Times Higher Education Index).

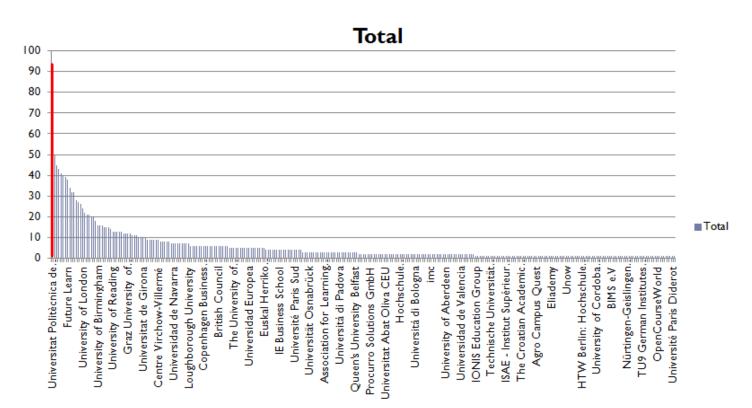
Currently, its academic community comprises more than 36,000 students, almost 2,500 teachers and researchers, and 1,500 administration and services professionals. It is composed by three campuses, located in València, Alcoi and Gandia.

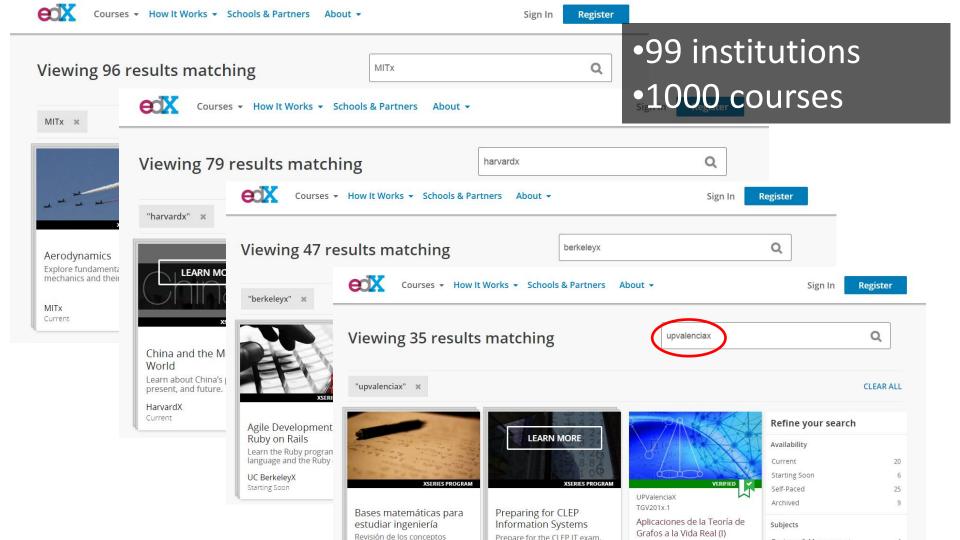
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Europe November 2015

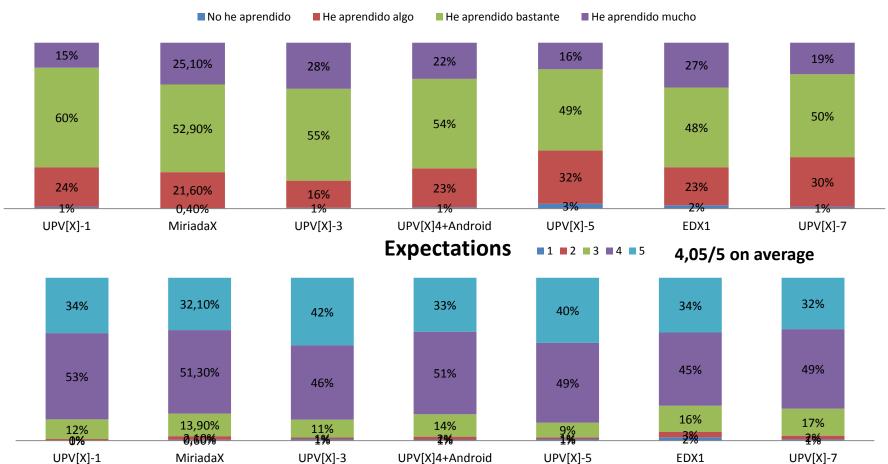


Europe (course editions Nov 2015)





Learning





Cursos Universidades Conócenos Soporte

•14 courses in 4 months

DE VALÈNCIA

- •1 platform coordinator, 1 teaching assistant
- March 2013 for MiriadaX

Cómo implantar grupos de mejora de procesos

Curso cerrado

Ciudad Valencia

Pais España



En el curso veremos las fases de la mejora de procesos, las características de un equipo ideal y técnicas para trabajar en grupos de resolución de problemas.

Duración: 6 Semanas (18 horas de estudio estimadas)

Universitat Politècnica de València

Temática: Económicas

Ficha del Curso >>

How did we do it?

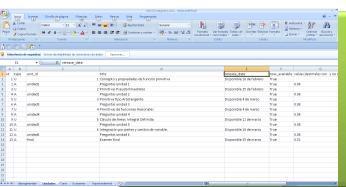




Faculty used to technology

Easy video production tool





Automation and training



Open call for courses

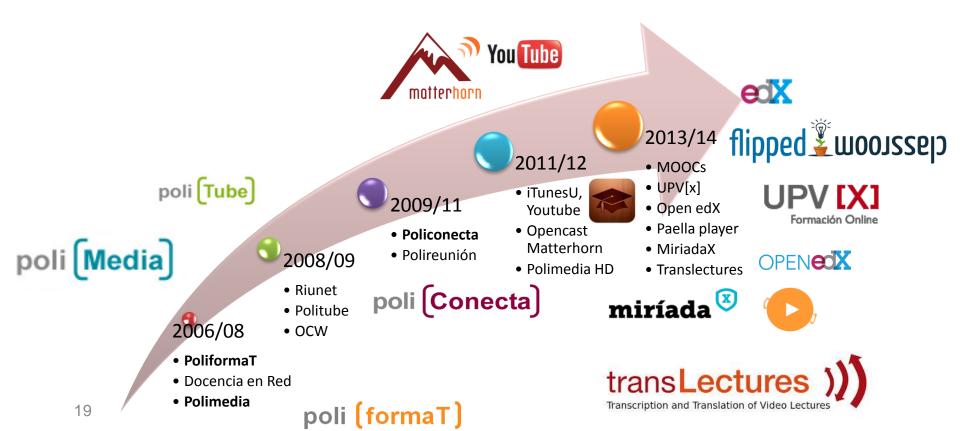
Common support team





Personalized support

Educational technology evolution in UPV



DOCENCIA EN RED plan

Call for assets

Digital Objects, Learning Modules, OCW courses

Preparation

Teacher training, Class preparation

Production

6 Production studios

Quality Control

Peer review at schools

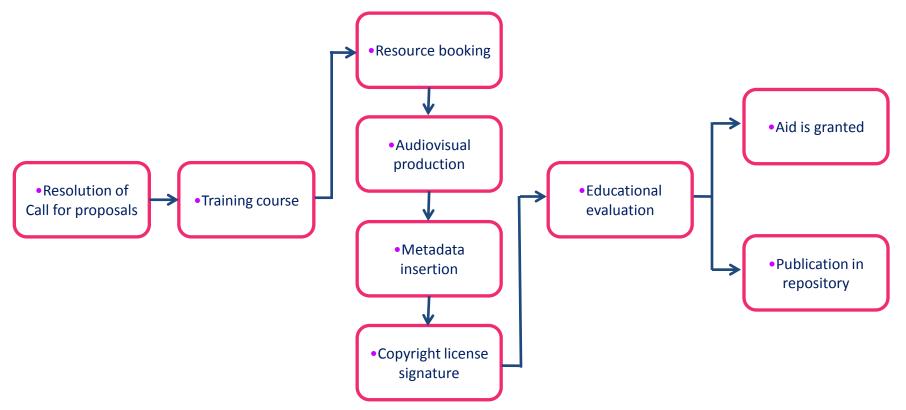
Publication in Library

University Institutional Repository RIUNET

Type of materials

- Learning Objects and their transcriptions
 - Polimedia recordings
 - Screencast recordings
 - Educational videos
 - Numerical simulations with interactive calculation (Virtual Laboratories)
 - Educational articles
- Learning Modules
- OCW courses
- MOOC
- Recording of Lectures (Opencast Matterhorn)

Docencia en Red process diagram



Educational production incentives (2015)

Economic incentives (maximum €400 per teacher)

- From €20 to €30 per object (depending on type and publication rights)
- €70 per learning module
- €150 for the recording of the lectures of a course with Matterhorn
- €250 per one OCW course or MOOC

Exceptional quality mentions

Diploma and additional economic incentive for distinguished materials

Additional incentive for the use of materials

Additional economic incentive for most used materials

Curricular recognition

Content production gives Academic Activity Index points

Assets produced

				•						
	2007	2008	2009	2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2007 - 2015
	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Total
Period	October to February	May to November	May to November	May to November	January to June	January to June	January to June	January to June	January to June	
Endowment	150,000	150,000	75,000	63,750	55,000	63,750	10,000	10,000	20,000	
Incentives granted	48,550	77,650	59,850	45,070	44,890	46,130	10,000	10,000	10,000	342,140
Learning Objects		T		1	1		ı			
Polimedia	547	455	436	323	319	304	363	526	327	3600
Vídeo	44	35	90	37	39	33	33	80	32	423
Virtual Labs	188	261	Vlore	than	600	teach	ers	98	36	1269
Educational articles			35	32	86	76	91	188	69	577
Screencast		_		66	48	37	66	82	106	405
Other	92								-	
Total objects	871	751	728	596	624	556	661	974	570	6331
Learning Modules		51	42	34	25	21	23	44	24	264
6				-						
OCW complete courses		30	34	26	9	10	10	21	5	145
Opencast courses					7	11	12	13	15	58
MOOC								35	8	43

Translectures -transcription

Video formats

RECORDING LOCATIONS

Where to go.









http://multimedia-academy.tudelft.nl/

2. PRESENTATION METHODS

How to behave.









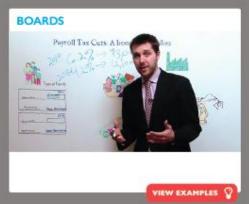


3. SUPPORTIVE CONTENT

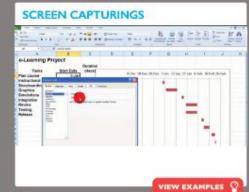
What to show.





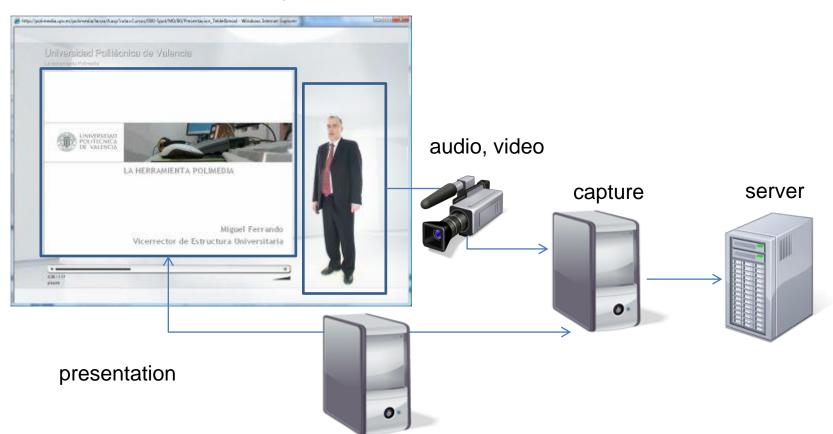


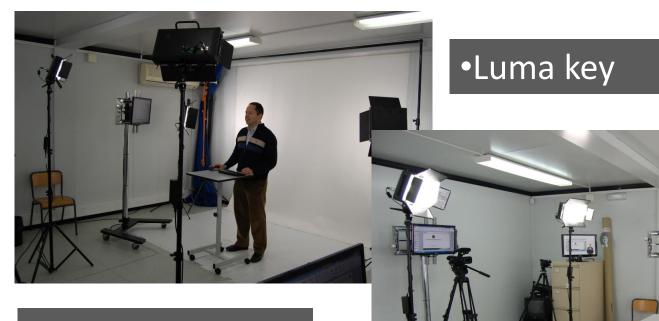






https://www.youtube.com/watch?v=-n7ODDK76WI



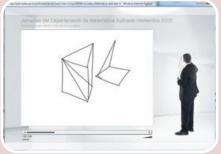


- No adjustments
- No editing



poli[Media] Presentation formats







Screen

- Presentations
- Web browsers
- Graphics
- Videos
- Software demos

Whiteboard

- Whiteboard capture
- Graphics pad integration

Video

- Zenith Camera
- Real world objects
- Experiments

Technical Characteristics

- PRODUCTION
 - Separate capture of video, audio and computer sources
 - Synchronization of multimedia streams
 - Storing of high quality files for every source (1280x720 4 Mbps)

DISTRIBUTION

- Internet format: MPEG4
- High Resolution: 1280x720 2 Mbps coding rate

PUBLICATION

- Streaming or files
- Digital library storage (media.upv.es)
- Easily integrated with Sakai, Moodle, WebCT
- Exporting to Youtube



Numbers



1.717 teachers



2.713 hours



12.385 objects

Some institutions using poli[Media]



red.es







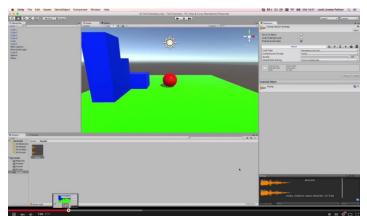




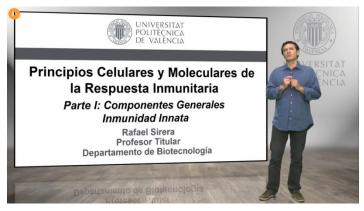




Video format



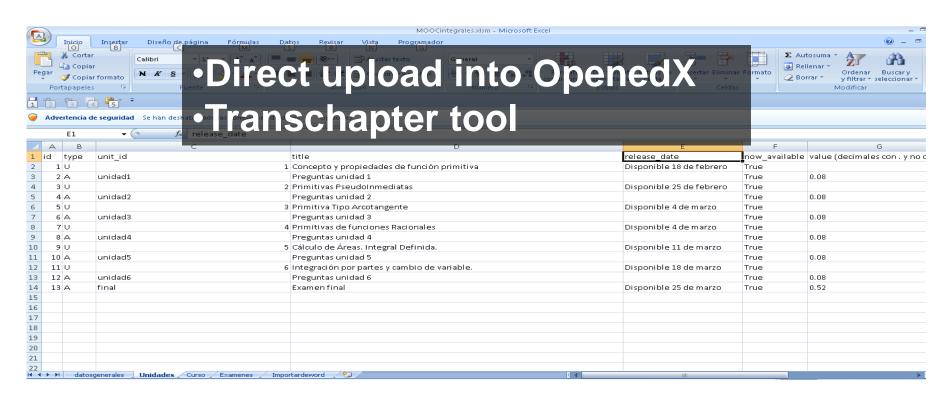
Polimedia



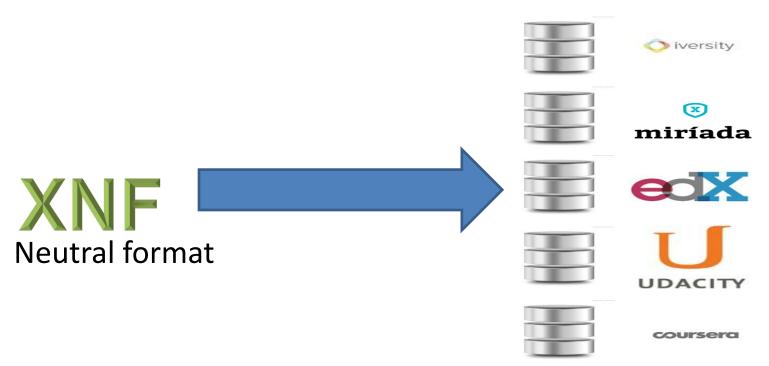
Screencast

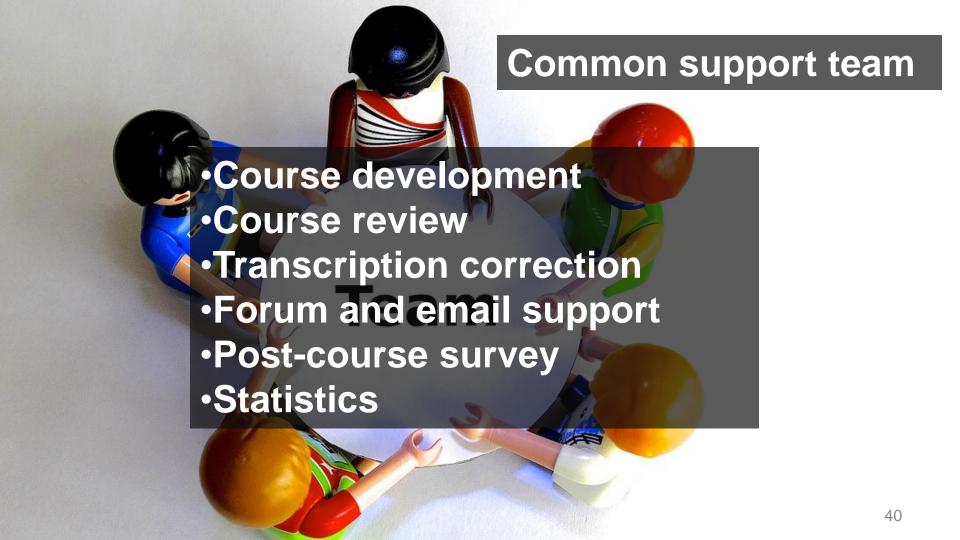


Spreadsheet Template



Content automation tools









BRITIS

- Open call for MOOC
- MOOCs announced when finished

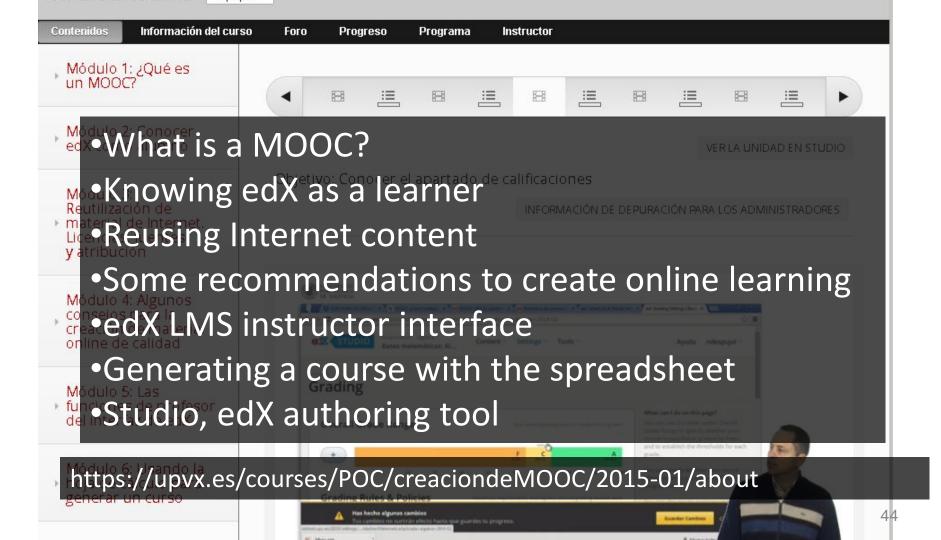


CURSO MOOC





Documentation&training





Thank you very much

ndespujol@cc.upv.es