



eLearning and Open Education in practice

Deep learning: Challenges to use Open Education in practice

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Today there is global challenges in education



..we need to discuss these challenges taken in account private, public sectors and civil society!





Why civil society?

The future of jobs (Labor market in the digital era)

- Jobs that disappear (700 professions)
- New Jobs
- Jobs that are undergoing transformation (47%)

Jamil Salmi, OECD / Laureate conference Korea 12/2016





Why civil society?

10 Jobs that did not exist 10 years ago					
- App developer					
- Social media manager					
- Uber driver					
- Driver-less car engineer					
- Cloud computing specialist					
- Big-data analyst/Scientist					
- Sustainability manegr					
- Youtube content creator					
- Drone operator					
- Millenial generational expert					





..and everything need to be in agreement with ...







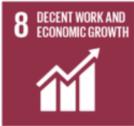




































.. Some thinkers, experts, professionals look to these questions as a Big-bang, revolution but also as a learning crisis in education. Why?

.. I will say change is now needed, we need to go to new paradigms that can make this change happen!



A Paradigm Shift: Technology Integration for Higher Education in the New Millennium

Donna L. Rogers

Educational Technology Review • 19 Spring/Summer 2000



- Barriers to Technology adoption
- Level of Technology adoption
- Training The weak link
- Training programs





Morocco HE system taken as a case study

	2009	2012	2013	2017	Observations
Number of students	≈ 320.000	≈ 450.000	≈ 520.000	≈ 830.000	+ 37 %
Number of staffs	≈ 9152	≈ 11950	≈ 12700	≈ 15.200	+ 4,62 %
Pyramid of ages	+ 78 % are more than 44 years old				
% Teacher supervision	-	-	1 → 41	1 → 54	•
Physical places	375.000	446.067	446.067	484.166	+ 7,8 %

Question is how to come over all this aspects?

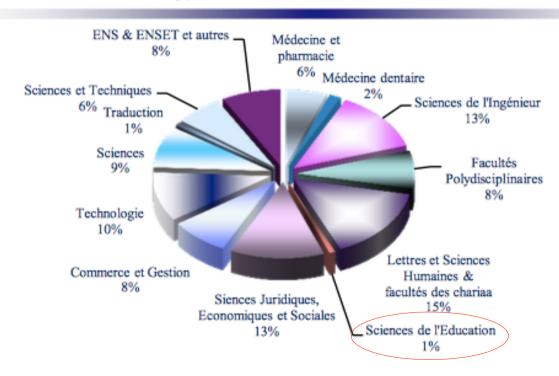
- New infrastructures, Equipment,...
- Internet connexion, Training programs,...
- Brains, minds,...
- Budgets, Collaborations, New economical models,...





? Research \rightarrow Research \rightarrow Research \rightarrow Research \rightarrow Research \rightarrow ?

Répartition des établissements d'enseignement supérieur universitaire par type d'établissement 2016-2017

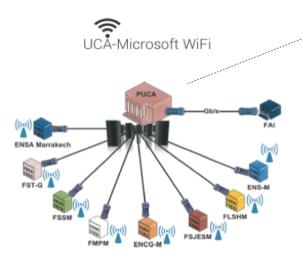




Model adopted at Cadi Ayyad
University



http://mooc.uca.ma



Wi-Fi on Campus





UC@Mobile



I UNIR iTED Congress-Meeting 2017



Madrid, Spain November 21-22, 2017







Quick reminder!

- 7 pillars for Open Education -

- 1) Content
- 2) Access
- 3) Technology
- 4) Research Data
- 5) Research Results
- 6) Licensing
- 7) Policy

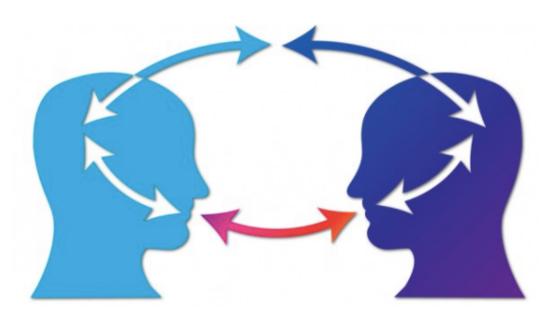
(Daniel BURGOS, IDUAI2017. Mauritius, 27-30 Sept 2017)



I UNIR iTED Congress-Meeting 2017



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Time for sharing..





Questions to debate:

- Why should people and institutions engaged in Open education?
- Why should anyone give away anything for free?
- What are the possible gains in doing that? (By open sharing of software, articles, materials?
- What are negative effects that might appear if software developers, scientists and educationalists do not share their work openly?
- Questions from audience?





Thank you

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