The digital challenge

Alastair Creelman

Linnaeus University, Sweden

alastair.creelman@lnu.se

Twitter: @alacre

Linnéuniversitetet Kalmar Växjö

Where I started

Where I am now

Linnæus University
Sweden

Blogs on IT and learning
Corridor of Uncertainty (English)
Flexspan (Swedish)

Digitalisation in focus
EUA conference 2016

New learners
New demands

Flexibility and
personalisation

Focus on skills and
relevance

New study forms
and skills
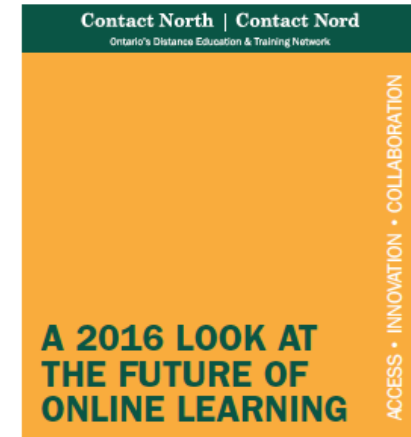
New ecosystem for
credentials

New types of
quality assurance

Future of online learning

Contact North, Canada
2016

Arenas for learning
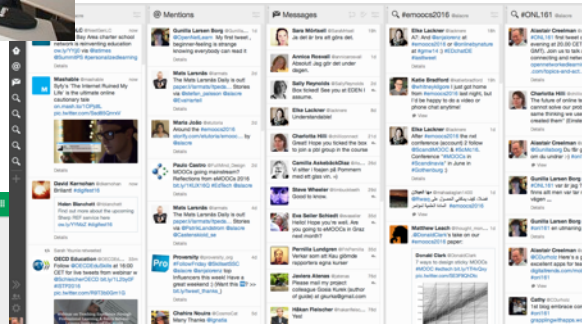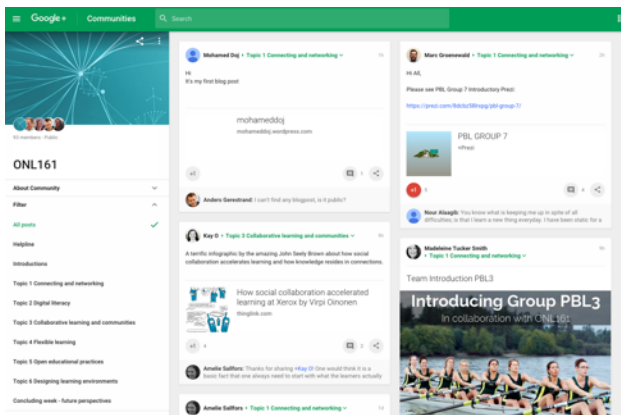
What mix of traditional and digital arenas and tools foster effective learning?

Extend the discussion

Design for learning

- Pre-course information

- Structure and clarity

- Use of learning spaces
  - level of interaction and collaboration
  - flexibility and variation in online environment

- Being seen

- Support

([Creelman & Reneland-Forsman](), 2012)

From teacher-centred to learner-centred
Are we ready?

Change attitudes and pedagogy before changing learning spaces

Openness

Open source

Open data

Open access

Open innovation

Open educational resources

Reinventing the wheel

Open educational resources(OER)

- Free-to-use online educational material
- Video, image, audio, text
- Clear conditions for copying and reuse (Creative Commons)

UNESCO Paris OER Declaration 2012

Opening up education

Framework for universities

Inamorato dos Santos, A., Punie, Y., Castaño-Muñoz, J. (2016)
[Opening up Education: A Support Framework for Higher Education Institutions](#).
JRC Science for Policy Report, EUR 27938 EN; doi: 10.2791/293408
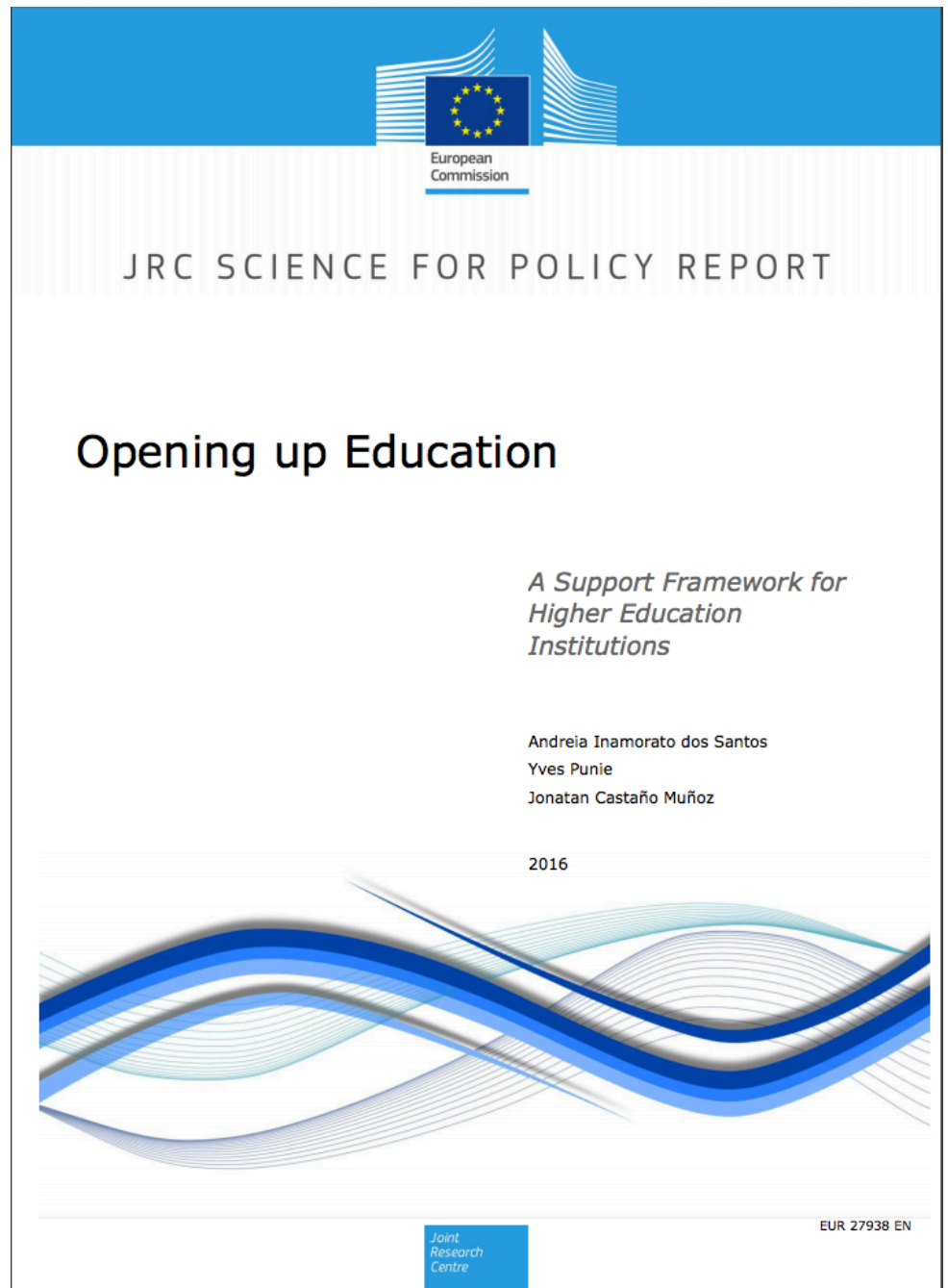
Open educational practices
Open educational culture
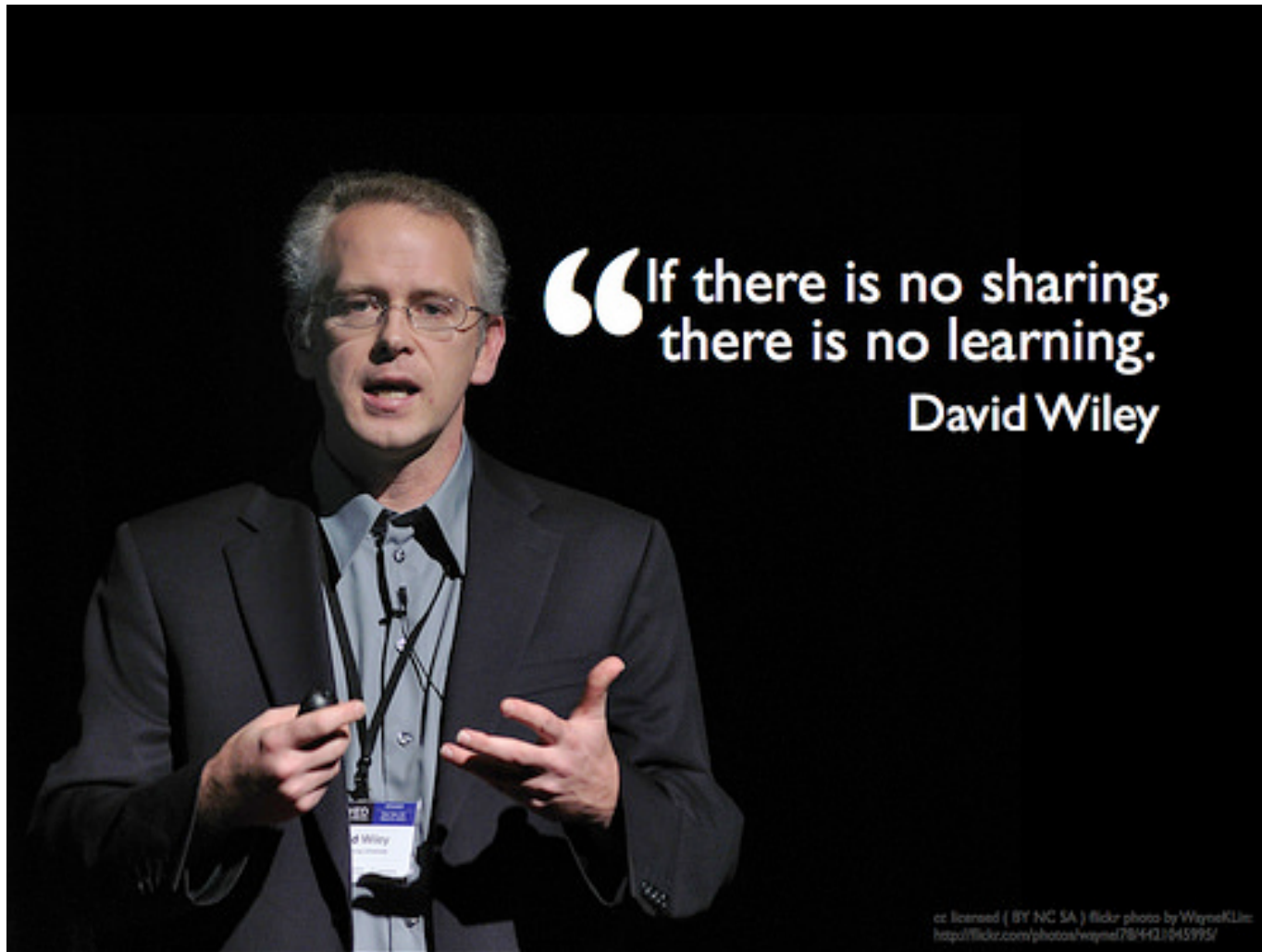
MOOCs
the story so far …

Not a tsunami …
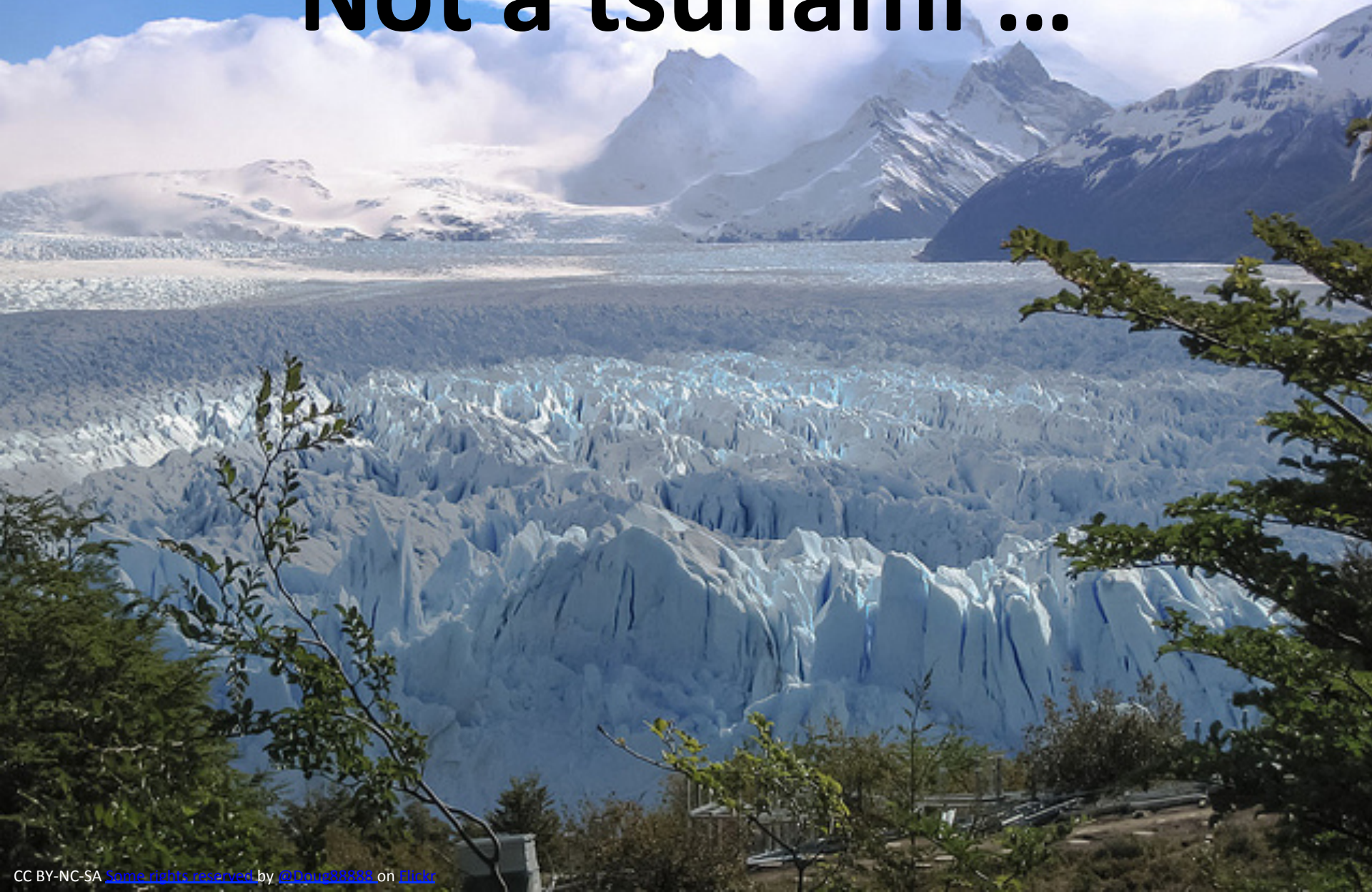
Definitions ...
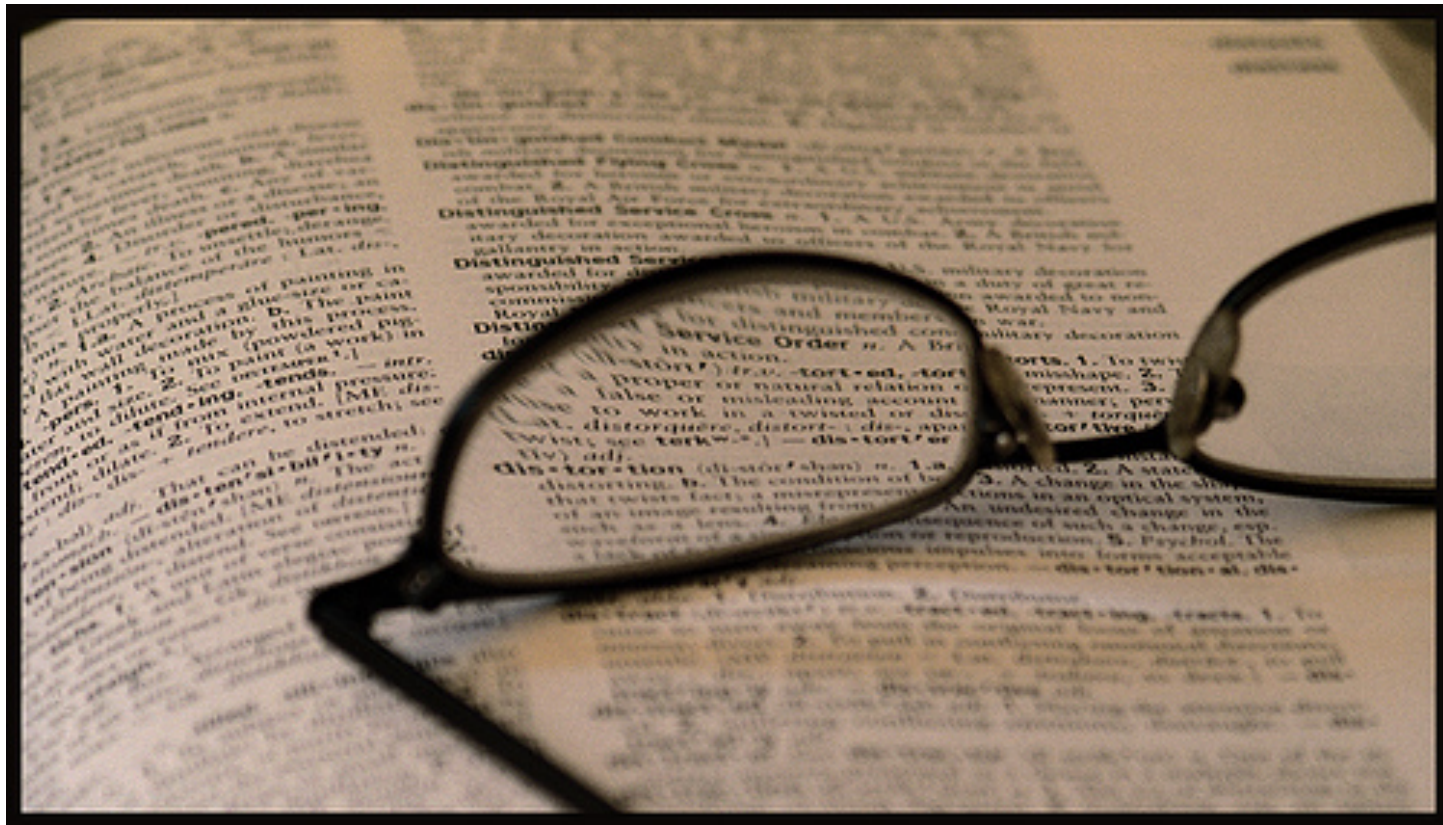
MOOC business models...

Pay for value-added services

Road to admission

Franchising

Headhunting

Opportunities ...

Taster for higher education

International showcase

Hybrid models

Lifelong learning

National generic courses

Innovation space

Shorter programmes

MOOC credentials

- Pay service
- EdX Xseries
- Coursera Specializations
- Udacity Nanodegrees

MOOCs for credit

- MOOCs becoming mainstream
- MOOCs for credit
  [Moocs: international credit transfer system edges closer](#) (Times Higher Ed)
- MOOCs as first year alternative
  - Arizona State University, [Global Freshman Academy](#)

Secure online examination

- Companies offer service to universities
  ProctorU
  Software Secure

- Universities use own solutions
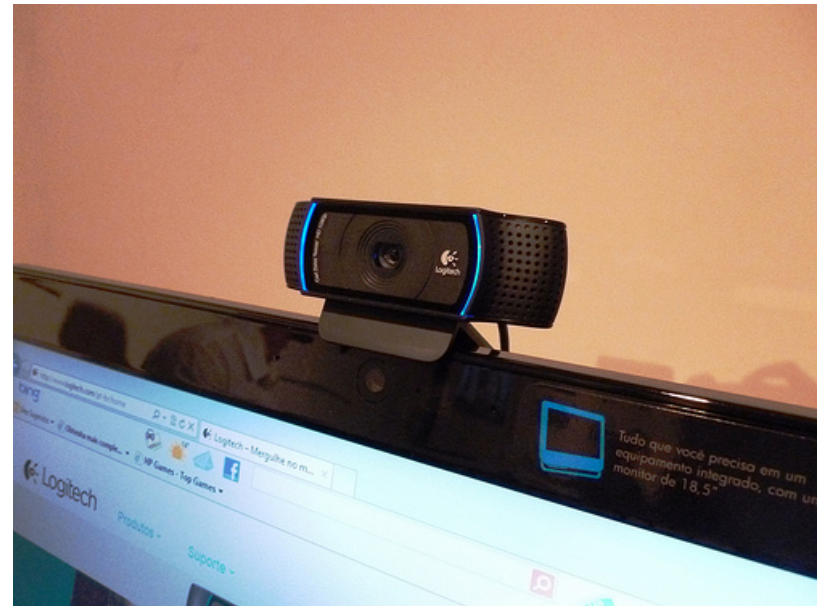
MOOC Scaffolding

Safe bubbles in a sea of openness

Open Badges
- micro-credentials

- Badges in gaming
- Digital certificates
- Transparency
- Recognition of soft skills
- Work-based learning

Competency-based degrees

- Recognition of prior learning
- Flexible examination
- Study at own pace with mentor
- Competency-based education network

Open education – not only MOOCs

- [OER university](#)
- [Peer2Peer University](#)
- [University of the people](#)

The new oil ...

Learning analytics

- Analysis of student data
- Identify needs
- Assessment
- Personalised learning
- Input for course design

Robot essay correction?

- Tools eg Criterion
- Students more positive to auto-review (MIT, NJIT)
- Proactive support during writing process
- Read more: Robo-readers aren't as good as human readers — they're better (Hechinger Report)

Quality initiatives
- but how to move to mainstream?

MOOCs and Quality:
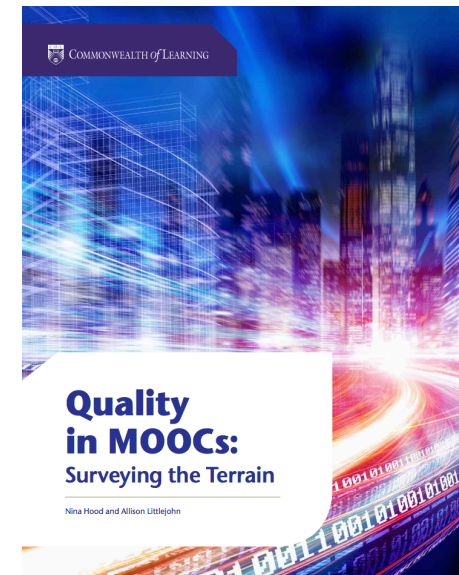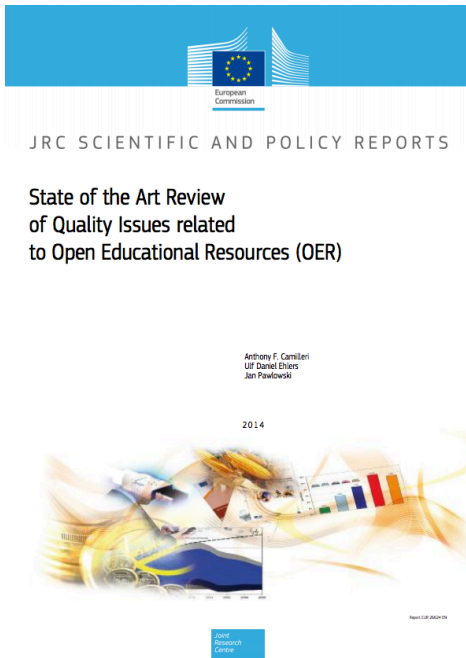A Review of the Recent Literature

Dr Sarah Hayes
July 2015

QAA MOOCs Network

European guidelines

for validating non-formal

and informal learning

JRC SCIENTIFIC AND POLICY REPORTS

State of the Art Review
of Quality Issues related
to Open Educational Resources (OER)

Anthony F. Camilleri
Ulf Daniel Ehlers
Jan Pawlowski

2014

Guidelines for
Quality Assurance
and Accreditation
of MOOCs

Quality
in MOOCs:
Surveying the Terrain

Nina Hood and Allison Littlejohn

Layered model for education
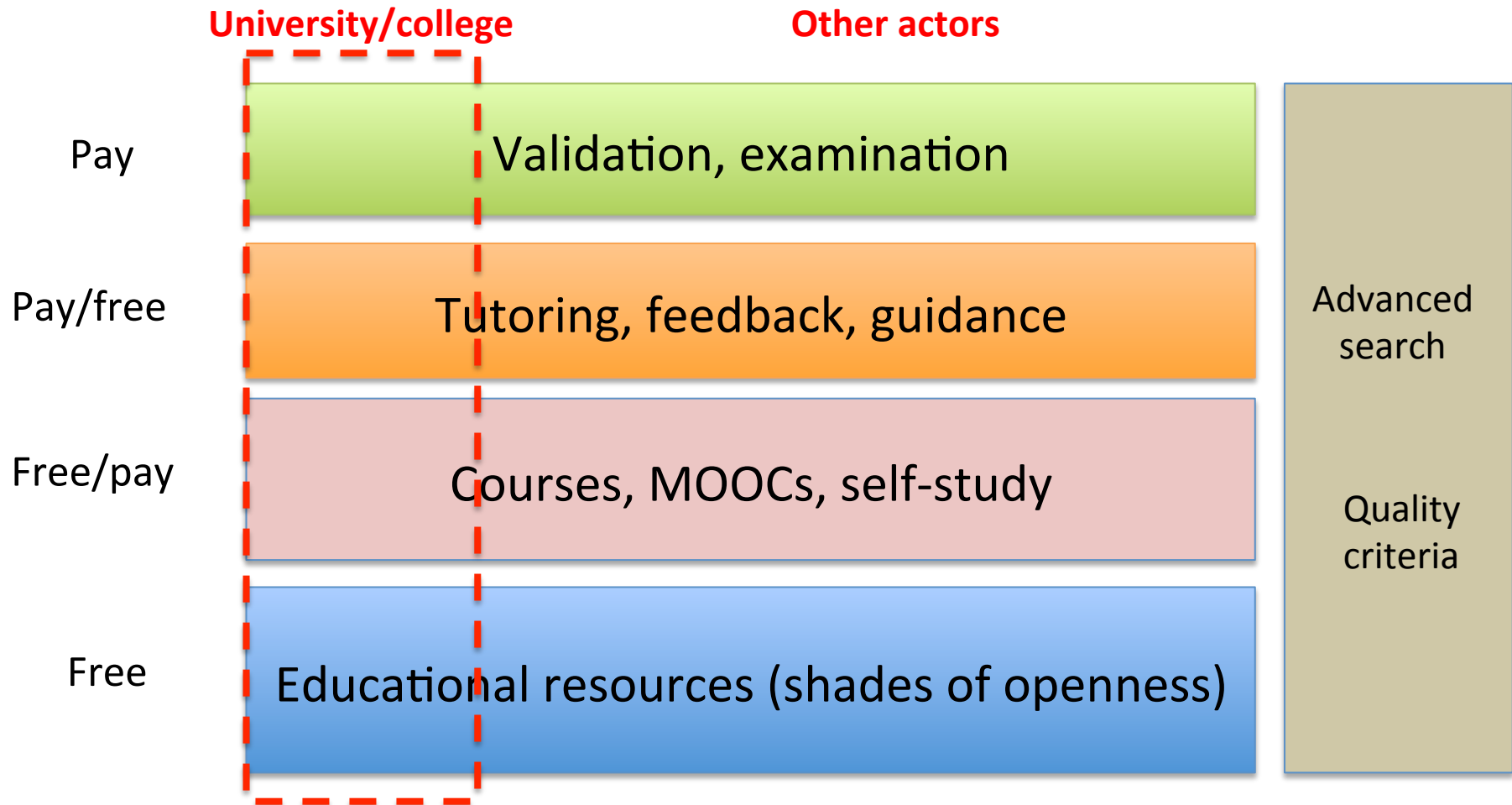
My digital footprints ...

Blogs on IT and learning
- **Flexspan** (Swe)
- **Corridor of Uncertainty** (Eng)

Twitter http://twitter.com/alacre

Scoopit
http://www.scoop.it/t/corridor-of-learning

Bookmarks
http://www.diigo.com/user/alacre

Questions?