



Embedded MOOCs, OOCs, Educamps, & eTwinning

Extending educational opportunities with open options in higher education and professional development

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Iceland – University of Iceland - UISE

- Country with population ca. 1/3 million, island (100.000 sqkm) in the North Atlantic
- University of Iceland - mostly „traditional“ courses in 4/5 schools
- UISE - dual-mode – DE program online with campus sessions since early 90’s – initially created based on needs to educate teachers around the country
 - Study program on ICT in education developed in 1998 (graduate) and early 2000’s (undergraduate)





Some earlier presentations on developing modes of learning at UISE

- 2016 PCF8: [embedded] MOOCs as provisions in graduate education for future professional development.
- 2017 ICDE Toronto: My Internet - Our Internet: Developing MOOCs on digital citizenship for educators in Iceland.
- 2018 EDEN: Educamps in distance education: professional development and peer learning for student teachers in ICT.
- 2015 eTwinning: Travelling in new terrain: Exploring eTwinning in teacher education - bridging countries and cultures.





Connections between these developments?

- EADTU report (Henderikx og Jansen, 2018):
changing pedagogical landscape emphasizing:
 - degree education; continuous education and PD
 - Forms of open education e.g. OERS and MOOCs.
 - New modes of teaching and learning emerging in universities, **enabled by innovation/ICT push.**





Modes of learning – type of learning/groups

	Undergraduate	Graduate	PD
Embedded MOOCS From 2014		x	
(M)OOCS From 2015/2017			x
Educamps From 2012	x	x	x
Etwinning 2015-2016, 2019	x	(x)	x

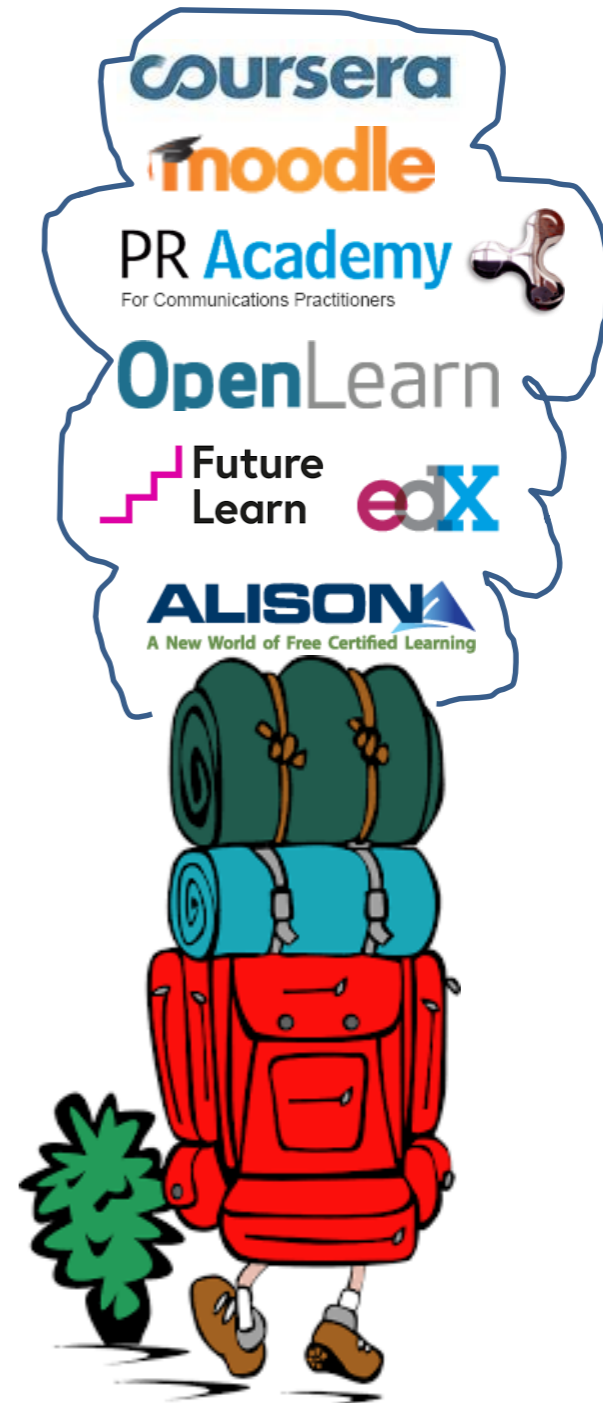




Embedded MOOCs: provisions in graduate education for future professional development

In two courses A and B

- In course A: 25% of 10 ECTS=2.5 ECTS (62-75 hours)
- Group project
- Read and prepare
- Select and participate actively in MOOC(s)
- Presentation and a short report





Embedded in course A

- 2014: 17 s's in 5 courses (mostly Coursera)
- 2016: 23 s's in 17 courses (7 providers)
- 2018: 15 s's in ca. 16 courses (10 providers)
- 2019: 7 s's in 11 courses (mostly Coursera)

Ongoing study involving learners' immediate experience and in retrospect, 1-2 years later





Embedded MOOCs: experience

- Worked well to embed MOOCs in a U course with opportunities for f2f meetings and requirement for group work in relation to the MOOC participation. Study circles appear to be a useful pedagogical method
- Indications that the experience opened doors and/or gave graduate students ideas in relation to their future or immediate teaching practice and PD
- More attention was needed to work load in relation to credits
- Language and context sometimes an issue and development of (M)OOCs should be considered at the national or local level





(M)OOCs*

- Main target group: Practicing teachers, educators in Iceland – teaching language Icelandic
- Niche-market, informal approach (Tømte, et al. (2017))
 - 2015, 2019, 2020: ICT
 - 2017: Digital citizenship (2 courses)
 - 2020: Makerspaces in schools





(M)OOCs: Experiences

- Mixed: Registration, participation, drop-out varied
- Need to offer better learning platform environment – national level?
- New and valuable partnerships forming
- Digital resources (OERs) produced





Educamps (teachmeets)



Educamps: unstructured collective learning experiences; social software tools in learning; hands-on; interaction processes in f2f sessions; networking (Leal Fonseca 2011) - Over-the-shoulder learning - peer education – connectivism in practice





Growing in Icelandic practice

- 2012+: **UISE graduate studies; M.Ed.**
- 2012: 3f - special ed. + ICT: teachers
- 2013+: natural science teachers
- 2013+: ICT-“plaza” + UISE + 3f; mix
- 2014+: UISE undergraduate studies
- 2014+: schools, school districts, t's, s's, p's
- 2015+: ICT professional developm. courses





Educamp: Experiences

- Participants enjoy the workshops and tend to feel they learn a lot
- Spreading all over Iceland
- „Best thing to happen to education for years“?
- Low cost way to introduce new technologies, share experiences and knowledge, spread practice





Etwinning – etwinning.net

- Main platform for e-collaboration among European teachers and learners at pre-, primary and secondary level – connecting classrooms, low-key, no budget projects
- Recently open for teacher institutions (undergrad.)
- UISE: 2015&2016, 2019 – field practice, digital citizenship
- Experience: New partnerships, insights into practice, opportunities for PD, scheduling conflicts





Developments – integration level

	Micro (teachers)	Meso (UI)	Macro (Iceland)
Embedded MOOCS	x	x	
(M)OOCs	x	x	
Educamps	x		x
Etwinning	x	(x)	x





Researcher/teacher/designer - Changemaker

- How can we as change makers extend educational opportunities with open options in higher education and professional development?





Vikings: VR-VL - visit & raid/visit & learn





Finding the magic mix – digital+real



