Wikiwijs professionalisation portal

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Wikiwijs professionalisation portal: studying teacher needs for using and arranging OER

Hans Hummel, Daniël van Amersfoort, Hans van Buuren & Darco Jansen



Wikiwijs

The overall aim of Wikiwijs is to create a digital, internet-based platform to bring together, share and develop digital learning materials for all educational sectors ... "for, from and by teachers".

The aim of the professionalisation project is to support (teams of) teachers in using and arranging open digital learning materials.

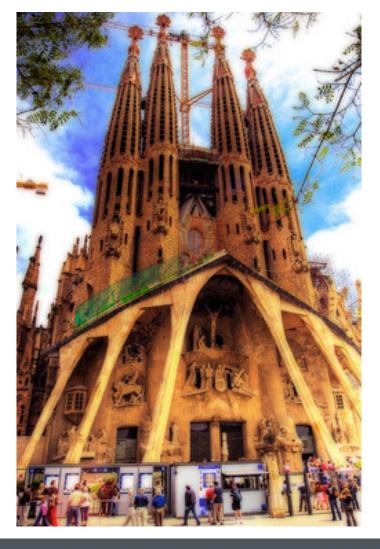
This presentation

- Some context:
 - On OER and its (ab)use;
 - o On Related projects
 - o On Didactic professionalisation
- Desk research: method & results
- Survey study: method & results
- Conclusions & Questions

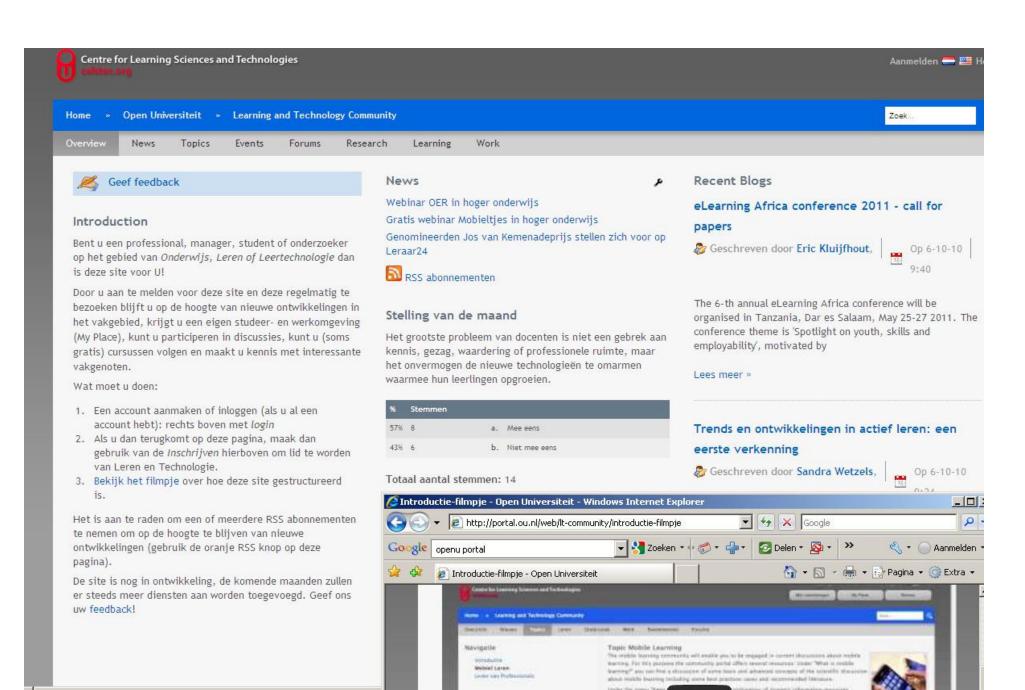




Open but (didactically) sound





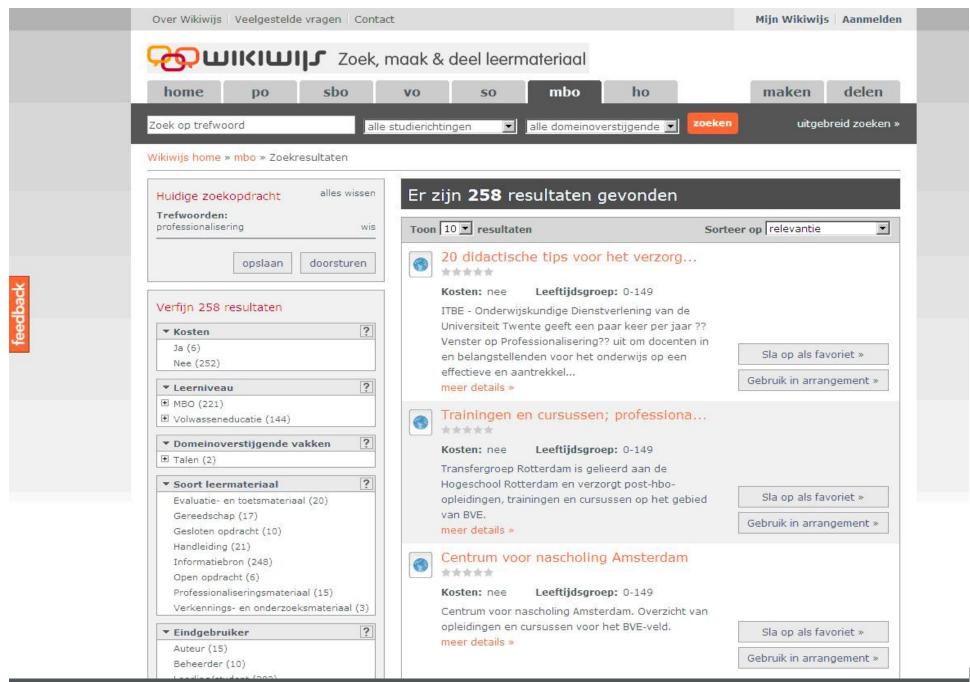




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Didactic Professionalisation

- Relation OER LO (e.g., Polani, 2005)
- Emergent vs community model (e.g., Downes, 2007)
- Open is not just access; Educational means Learning; Resources include facilities for dialogue (communities) (e.g., Van Dorp et al., 2006)



Desk research (1)

Leermiddelenmonitor (SLO, 2007; 2008; 2009) (N = 1.750)

- Sustainability methods 5,5 (VO) to 9 (PO) yrs
- Actualising content and didactics (80%), better allignment with learners (80%) are main drivers for OER
- OER should enable more learner-oriented, active learning
- Have problems integrating OER with other topics and learning goals





Desk research (2)

Vier-in-balans monitor (Kennisnet, 2007; 2008; 2009) (N = 1.022)

- Need to learn more about 'digital didactics'
- Need to acquire more media literacy and information skills, esp. searching on the internet
- Need support for using smartboards





Desk research (3)

Nulmeting (Wikiwijs, 2009) (N = 1.382)

- Usage of digital material steadily growing, now from 18% (VO) to 32% (MBO)
- Older teachers face more anxiety, 40% never having used digital material
- Female teachers are more inclined to use existing, male teachers are more inclined to develop and arrange new digital material



Questionnaire survey (1)

Results related to *future* professionalisation needs for *digital* material (N = 374)

- Perceived need for professionalisation more important for older teachers (F(1, 346) = 1.952, p < 0.001)
- Older teachers facing more anxiety, 40% never having used digital material
- Perceived need for getting access more important for older teachers(F(1, 346) = 2.84, p = 0.02)





Questionnaire survey (2)

- Female teachers more inclined to use, male teachers more inclined to develop and arrange new digital material
- Professional development should primarily be aimed at actualising content & didactics (M=3.59, SD= 1.19), aimed at strengthening educational practice (M=3.99, SD=0.97)





Questionnaire survey (3)

Questionnaire Item (N = 347)	М	SD
I prefer when professionalisation deals with applying educational innovations	3.53	1.10
Professionalisation has to allow me to play a key role in educational innovation	3.43	1.21
I would like to become more competent with ICT and the didactics of ICT-applications	3.09	1.21
I need to become more professional in using ICT	2.97	1.25
I prefer professionalisation activities related to distance education, allowing me to determine time and place	3.64	1.15
An important factor for effective professionalisation for me is to have access to online materials	4.25	0.85



Conclusions

- Using and arranging OER needs to be open but structured at the same time (cf., LO movement)
- Combine technical professionality (e.g., metadating, vocabularies) with pedagogical professionality (e.g., educational modelling)
- Still early days for integral personel policy, not much systematic professionalisation yet for using and arranging digital media
- Without adequate facilitation, reluctance keeps prevailing





Questions / discussion?

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