



O impacto das TICs na educação

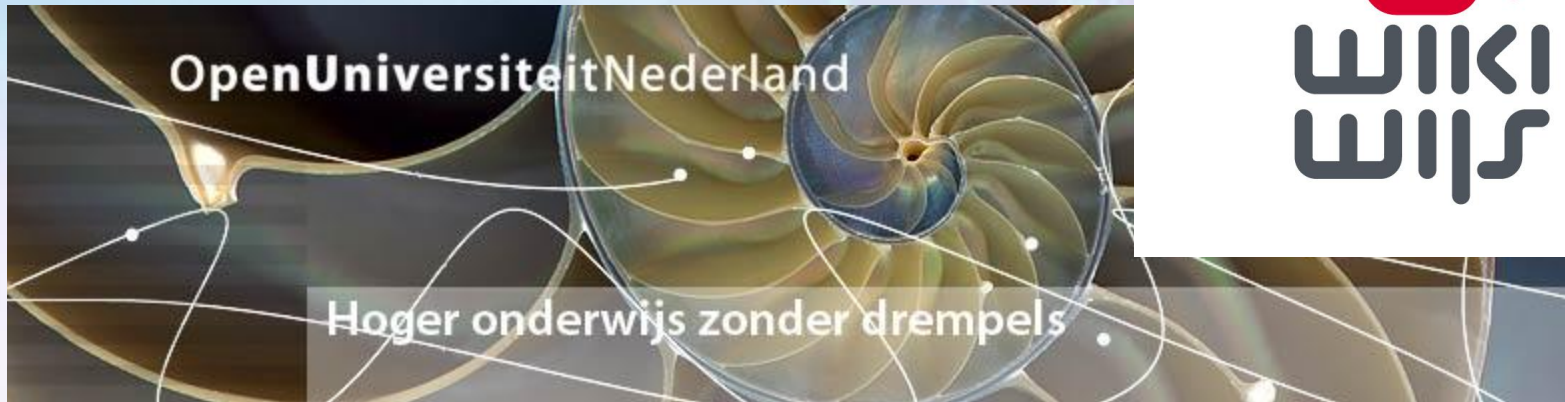
El impacto de las TICs en la educación

The impact of ICT in education

BRASILIA Abril April April 27-28, 2010

OpenUniversiteitNederland

OER in The Netherlands



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26 April 2010, Brasilia

OpenUniversiteitNederland



Open Universiteit

- one of 14 universities in NL
- with a specific **Profile**:
Lifelong, Open, and Flexible (LOF) learning
- one of 10 universities for LOF learning in Europe
(e.g. UK OU, UOC, ...)
- over 20.000 students
- celebrating **25th anniversary** this year

www.ou.nl



OpenUniversiteitNederland

Open Universiteit (2)

***Bachelor / Master / PhD programmes
(fully accredited) from seven Schools:***

- Cultural Sciences
- Informatics / Computing
- Law
- Management Sciences
- Natural Sciences
- Psychology
- Educational Sciences



Open Universiteit (3)

Expertise centres:

- > Learning Sciences and Technology (***CELSTEC***, formerly OTEC)
- > Professional development of teachers (***Ruud de Moor Centre***)
- > Education for Sustainable Development (***RCE Rhine-Meuse***)
- > Lifelong Learning (Netherlands Laboratory for Lifelong Learning - ***NELLL***)

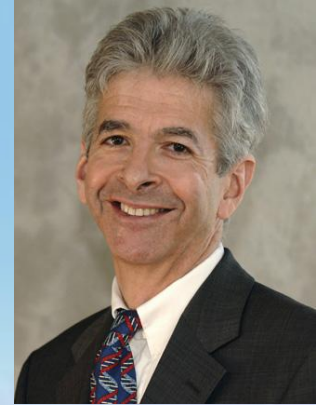
National initiative: Wikiwijs



- **Cause**

- > observed success of OER initiatives shown
 - > 2006 OU, 2007 Delft
- > an increasing set of a variety of OER initiatives in all educational sectors
 - > Mostly by individual teachers
- > June 2008: policy of *'schoolbooks for free'*
- > Sept. 2008: Advice of the Education Council to the Parliament: *'Make more use of OER for innovation of education'*

National initiative: Wikiwijs



- > December 2008: Minister of Education (under resignation) launches *Wikiwijs* as a national OER initiative:
 - > initial focus on primary, secondary and community college education
 - > but actually for all educational sectors
- > April 2009: *broad support in Parliament*
- > May 2009: OU & Kennisnet start preparing this programme
- > July 2009: delivery Programme Plan
- > 12th Aug. 2009: *Minister's final OK;*

Wikiwijs: policy objectives ...



- stimulate development and use of OER
 - extend options for customized education
 - increase quality of education through more flexible and up-to-date learning materials
- improve access to both open and 'closed' digital learning materials
- support teachers in arranging their own learning materials and professionalization
- increase teacher involvement in development and use of OER
 - Making the profession more attractive

Wikiwijs offers ...



- a *Repository* of open educational resources
- a *Referatory* to digital educational resources:
 - > open and closed
 - > free access and access to be paid for
 - > public and commercial
- easy to use arrangement and development *tools* for teachers / professors
- end-user *support* for teachers / professors when creating and using learning materials

Wikiwijs: what's in a name ...



- Wikiwijs is referring to the philosophy of Wikipedia (using 'the wisdom of the crowds')
- Wikiwijs is not referring to the functionality or user interface of Wikipedia



Photo by throwthedamnthng @ Flickr.com

Wikiwijs: planning ...



- Dec. 2009: launch of *beta version* with:
 - > three focus subjects
 - > Primary, secondary, community college sector
 - > Continuous improvement based on user feedback
- as of Sept. 2010: start of *roll out* to:
 - > other subjects and domains
 - > Higher Education
- Jan. 2011: delivery of *Implementation Plan* for the years ahead
Accepted (range 2013)

Wikiwijs: basic principles ...



- maximum (*free!*) use of existing components of OUNL, Kennisnet and other publicly funded educational organizations
- open standards and *open source* mandatory
- all OER learning materials and materials for professionalization to be published *under CC-BY*
- professionalization of both teachers and management!
- Research to measure effects on policy goals



Stimulation of teachers



- Goal: the teachers should feel they own Wikiwijs
- But why should a teacher participate?
 - Reputation
 - Proof of proficiency
 - Support of current practice
 - Teachers ask for digital materials
 - Can't be found
 - Quality difficult to determine

Wikiwijs: on quality ...



Beyond '*Wisdom of the crowds*':

- **peer review**
(uploading only through a user profile)
- **Quality mark** organizations / groups
(compare Connexions)
- **competent participants**
(through proficiency)



Photo by JoeBeone @ Flickr.com

Current developments

- Structuring learning materials via offering **learning trajectories**
 - Complex metadata
- **Wikiwijs API** to make possible connecting to Wikiwijs using authoring tools and ELE

Thanks for your attention!

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www.opener.ou.nl

www.spinoza.ou.nl

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