Teachers want to share Open Educational Resources: When it’s easy, useful and helping others.

Bram Faems
We can assume that the exchange of OER generates opportunities for collaborative learning.

VANHOOF & VAN PETEGEM, 2015
“Sharing good practices and collaboration between teachers are building blocks for the quality of education.”

EDUCATION INSPECTION, 2015
“The OER approach should normally lead to 50% less work and 200% more results for language teachers.”

COLPAERT, 2014
There has been limited attention to knowledge sharing research in educational contexts.

VAN ACKER ET AL., 2013
OER research mostly focusses on higher education.
There has been a lack of knowledge sharing research that takes a holistic approach.
"A successful adoption of OER demands a large and varied selection of OER."

VAN ACKER ET AL, 2014
Social Cognitive Theory
BANDURA, 1986
People are both producer as product of social environments.

BANDURA, 1999
KlasCement is a free platform where teachers inspire each other by sharing resources for teachers of all ages. Tens of thousands of resources are easily searchable by theme, subject and educational level.

Register

Registration only takes one minute.

Teachers share their learning resources and inspiration with you.

- free learning resources;
- for all ages and subjects;
- easily searchable on lesson topic.

Register
<table>
<thead>
<tr>
<th>Sourcepage</th>
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<td>detailpage / (not set)</td>
<td>6.108 (85,20%)</td>
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<td>homepage / (not set)</td>
<td>1.061 (14,80%)</td>
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7.169
% van totaal: 0,77% (930.433)
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<td>2. detailpage / (not set)</td>
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<td>3,025 (49.53%)</td>
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Teachers share their learning resources and inspiration with you.

✓ free learning resources;
✓ for all ages and subjects;
✓ easily searchable on lesson topic.

Start the registration

Teachers share their learning resources and inspiration with you.

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Register  Safe and free
<table>
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<tr>
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<td>% van totaal: 0,80% (930.433)</td>
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<td>0,21%</td>
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<td>2. detailpage / (not set)</td>
<td>basis</td>
<td>3.117 (41,68%)</td>
<td>0,26%</td>
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Questionnaire

- 21 closed questions
- 1 open ended question: other reasons to share?
- Based on previous knowledge sharing research
- Adapted to context of OER
- 8 pilot-respondents and adjusted
- Embedded in more broad KlasCement research: points system, rewards by prizes or money, trust in the system
1335 responses
51% primary education
81% woman
32% shares
✓ Convergent and divergent validity
✓ Model fit
✓ Multi-group structural modeling
✓ 350 answers to open ended question
✓ Open coded (25 labels)
✓ Axial coded (4 categories)
RESULTS
Percepties of the system matter

**Perceived usefulness** ($\beta .20 \ p < .001$)
“Perceptions of a user wether the system will increase job performance.”

**Perceived ease of use** ($\beta .08 \ p < .001$)
“Perceptions of a user wether the system will be easy to use.”

**Perceived ease of use > Perceived usefulness**
($\beta .51 \ p < .001$)
“I can’t find anything in return, so I have less work.”
Personal properties make a difference

**Altruïsm** ($\beta .34$ $p < .001$)
Sharing unconditionally to please others is the main influence

**Knowledge self efficacy** ($\beta .26$ $p < .001$)
Ones trust in his or her own capacity to create and share OER that are interesting to others.
“I haven’t shared materials because I’m somewhat unsure if my materials are good enough and if others would benefit from them”
Control variables

**Gender** \((\beta .05 \ p = 0.05)\)
Men have a higher sharing intention than women

**Educational level** \((\beta -0.04 \ p = 0.07)\)
Teachers in secondary education (age 12-18) have a somewhat lower sharing intention.

**Educational experience** \((\beta -0.12 \ p < .001)\)
People with more experience (or otherwise stated: older teachers) have a lower sharing intention. Possible overlap with computer skills!
46.3 % EXPLAINED VARIANCE

Context factors and constraints that influence sharing intention.
CONSTRANTS:

- COMPUTER SKILLS
- COPYRIGHT
- TIME
CONTEXT FACTORS:

- SHARE ELSEWHERE
- LIMITED TARGET AUDIENCE
Constantly increase the ease of use.
Undertake specific actions to promote sharing in less popular topics and educational levels.
Role for policy makers and teachers trainers to stimulate a culture of sharing.
Receive feedback about what you share.
Questions?