Accessing OER: Some challenges

Tel Amiel
UNESCO Chair – Open Education
University of Campinas

Open Educational Initiative
1.2 BILLION
CREATIVE COMMONS LICENSED WORKS

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Works</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>1,204,935,537</td>
</tr>
<tr>
<td>2015</td>
<td>1,118,900,000</td>
</tr>
<tr>
<td>2014</td>
<td>882,000,000</td>
</tr>
<tr>
<td>2010</td>
<td>400,000,000</td>
</tr>
<tr>
<td>2006</td>
<td>140,000,000</td>
</tr>
</tbody>
</table>

Background: screenshot from "The Growing Commons" Creative Commons website is licensed as noted here
Metadata availability

- Metadata: 30%
- No metadata: 70%
Licensing alignment between levels

- Not aligned: 46%
- Aligned: 38%
- No data: 12%
- Unavailable: 4%

*With or without metadata*
Institutions: 103
N=2660
12.3% - Institutional OER Policy
16.5% - Institutional OER Repository

50% - Need professional development for repository
52% - Need professional development for search/uso repos
66% - Difficulty in finding educational material for free use

73% - Has to be in Portuguese

87% - Open license/public domain

90% - For free
Choosing resources by third parties:

59% - Have positive comments from users
51% - Creator/institution/collection be known
71% - Detailed description

64% - Something made in a context similar to mine

75% - Easy to link to my platform
Challenges

Content that is: Flexible, Local, Curated, Well-described, Good metadata

Repositories: Decentralized, Federated, Low-cost (entry/support), Open-source

Solutions?

Content that is: OER, localization tools, heuristics for descriptives, automatic translation option, recommendations

Repositories: Turnkey repos
Tel Amiel
tamiel@unicamp.br
aberta.org.br