Online education is like a rising tide, it's going to lift all boats.

- Anant Agarwal
About me

- Research associate at DIPF
- Coordination of the OERinfo website at the German Education Server
- Other projects in the context of Open Education, e.g. ELIXIER or edutags
- Political scientist with teaching and learning experience (two kids)
What are OER?

David Wiley
Open Content
1998

Lawrence Lessig
Creative Commons
2001

MIT
Launch of OCW
2001

UNESCO
Definition of OER
2002
"Open Educational Resources (OER) are teaching, learning and research materials in any medium – digital or otherwise – that reside in the public domain or have been released under an open license that permits no-cost access, use, adaptation and redistribution by others with no or limited restrictions. (UNESCO)

Source: https://en.unesco.org/themes/building-knowledge-societies/oer
### Open everything?

<table>
<thead>
<tr>
<th>Open access to research literature</th>
<th>CONTENT</th>
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<tbody>
<tr>
<td>Open data</td>
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<td>Open educational resources</td>
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<td>Open source software</td>
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<td>Open innovation</td>
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Van Dervaart, Lilian et al.: 2013, S. 11. CC-BY-SA 3.0
E-INFRANET: 'OPEN' AS THE DEFAULT MODUS OPERANDI FOR RESEARCH AND HIGHER EDUCATION
OER are copy and paste materials!

Retain: Make, own and control copies

Reuse: Use the content as you see fit

Revise: Adapt, adjust and modify

Remix: Combine to create something new

Redistribute: Share the original, your revisions or your remixes
Types of openness

- Technological openness
- Legal openness
- Openness in the sense of accessibility
- Structural openness
Creative Commons licenses

- Standardized license agreements
- Shift from “All rights reserved” to “some rights granted”
- License for the digital age
"choo-choo-choose your license!"

Do you waive all interests in your works and thereby place them as completely as possible in the public domain?

Do you allow commercial uses of your work?

Do you allow adaptations of your work to be shared?

May others copy and redistribute the material in any medium or format?

No CC License*

*it depends = yes, as long as others share alike (meaning: They use the same license as you.)

This graphic "choo-choo-your license!" is based on the work "Welche CC-Lizenz ist die richtige für mich?" by Barbara Klute und Jürgen Mueh-Menhofz fuer wb-web" under CC BY-SA 3.0": The English version is a translation and enhancement by Jan Mueh-Menhofz under the same license.

http://www.wb-web.de | https://creativecommons.org/licenses/by-sa/3.0/deed.de
Current state of OER

- UNESCO: Paris Declaration on OER 2012
Why OER?

- They provide more access to learning and teaching materials
- OER foster an open learning and teaching culture
Why OER?

- Educational players can enhance their visibility and reputation
- They play an important part for matters such as the 4C’s of 21st century learning

The 4C’s
21st Century Skills

The 4Cs 21st Century skills-Graphic Developed by (C. Mazzola-Randles, 2020)
Why OER?

• OER are not an end in itself or an universal remedy

• They are not an additional burden but a support that can serve as a catalyst

• The state of learning and teaching is in transition – OER can be vital addition to this development
OER workshop!
14.15 - Blue room
Susanne Grimm