

# Open Science for Educational and Applied Sciences in Switzerland

Paving the way for openness in education and academia-industry collaboration

## Today



### Open Access poorly established

Small local publishers lack Open Access awareness  
No Gold Open Access journals in many specific application-oriented fields



### Knowledge Transfer?

Freely available publications and data often not reaching target groups (e.g. people in business, teachers)



### Open Science...and industry?

(e.g. small and medium-sized enterprises, startups)  
Open Science rarely realized



### Open Science rarely realized in education

Open Educational Resources mostly not integrated in learning and teaching programs or textbooks

## Steps into the future



### Creating awareness for Open Science

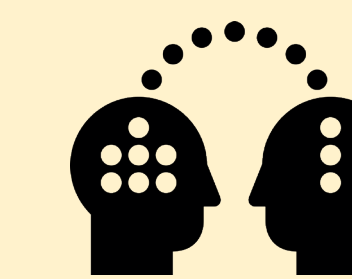
- Collaboration
- Knowledge exchange
- Exploiting synergies
- Using existing tools
- Sharing Best Practices
- Integrating stakeholders from outside academia

## Tomorrow



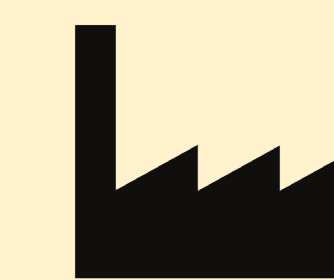
### Open Access fully established

Publications by all local publishers available in full Open Access  
A good choice of Gold Open Access Journals in all specific application-oriented fields



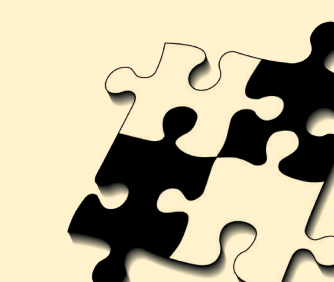
### Knowledge Transfer!

Freely available publications and data integrated in search tools for specific target groups (e.g. people in business, teachers)



### Open Science in academia-industry collaboration projects

Best practice guidelines allowing Open Science developed for projects with partners from industry



### Open Science in education adopted

Stakeholders from academia, the education system and publishing sector have developed models how to realize Openness for learning and teaching material

« We struggle to find well-accepted Open Access journals to publish results of our application-oriented research projects. In our niche-discipline industry partners are interested in locally (e.g. German) published literature for direct knowledge transfer. But we are not sure if our publications – even if published in Open Access – are seen and used by our target audience. Moreover in academia-industry projects it is often hard to live an Open Science culture: best practice examples to show possibilities to partners from for-profit sectors would be welcome. »

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Lars, head of competence center for civil engineering

« Now, with Open Access to application-oriented research articles in our special field we can better develop collaboration projects with academic partners. Through this more direct and faster knowledge transfer we could gain market volume because we are more visible in industry and society. »

—  
Cécile, CEO tech-solutions energy networks

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