

SWITCH edu-ID becomes reality

SWITCH
edu-ID

SWITCH

Petra Kauer-Ott

petra.kauer@switch.ch

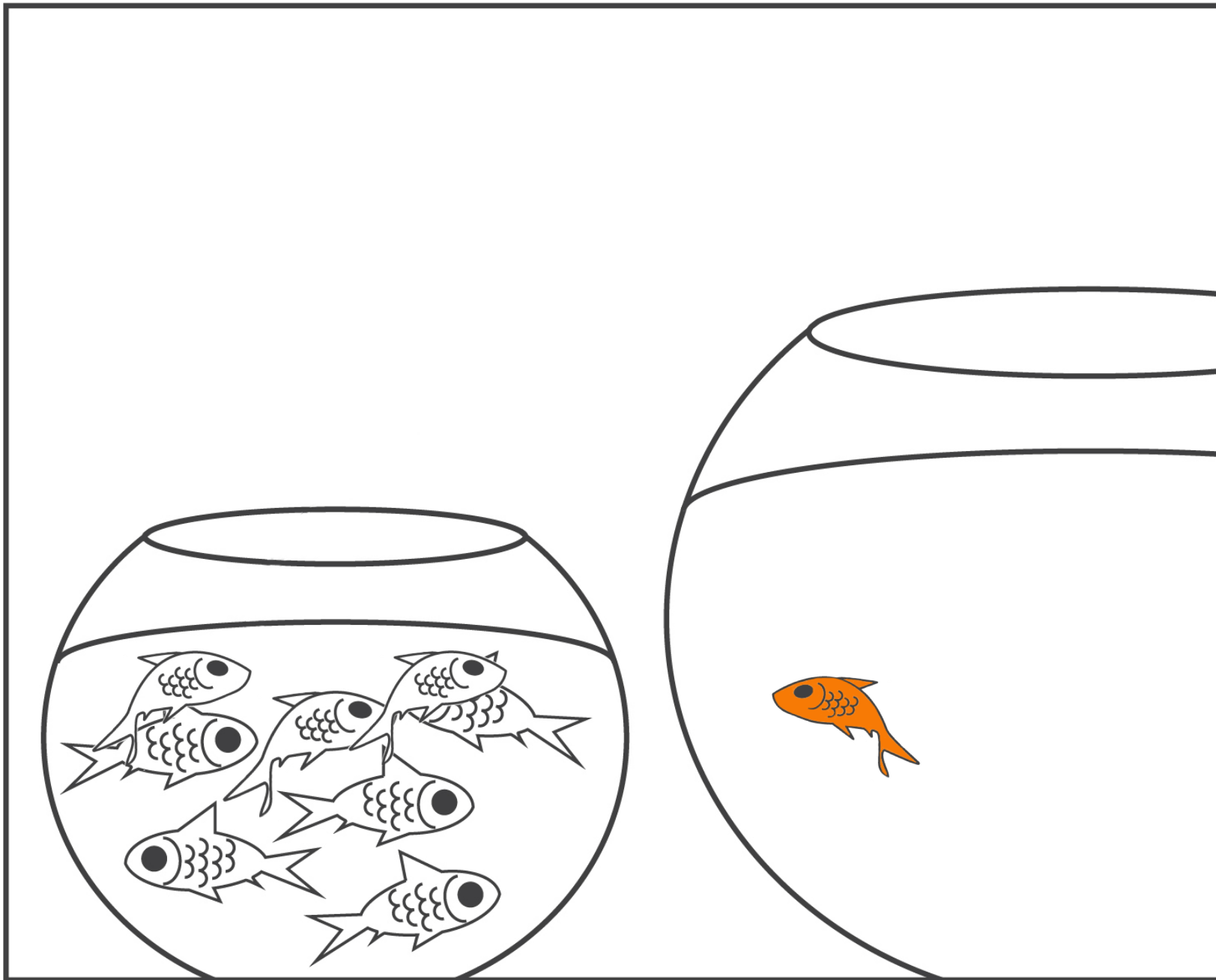
eduid@switch.ch

Zürich, 14.2.2019

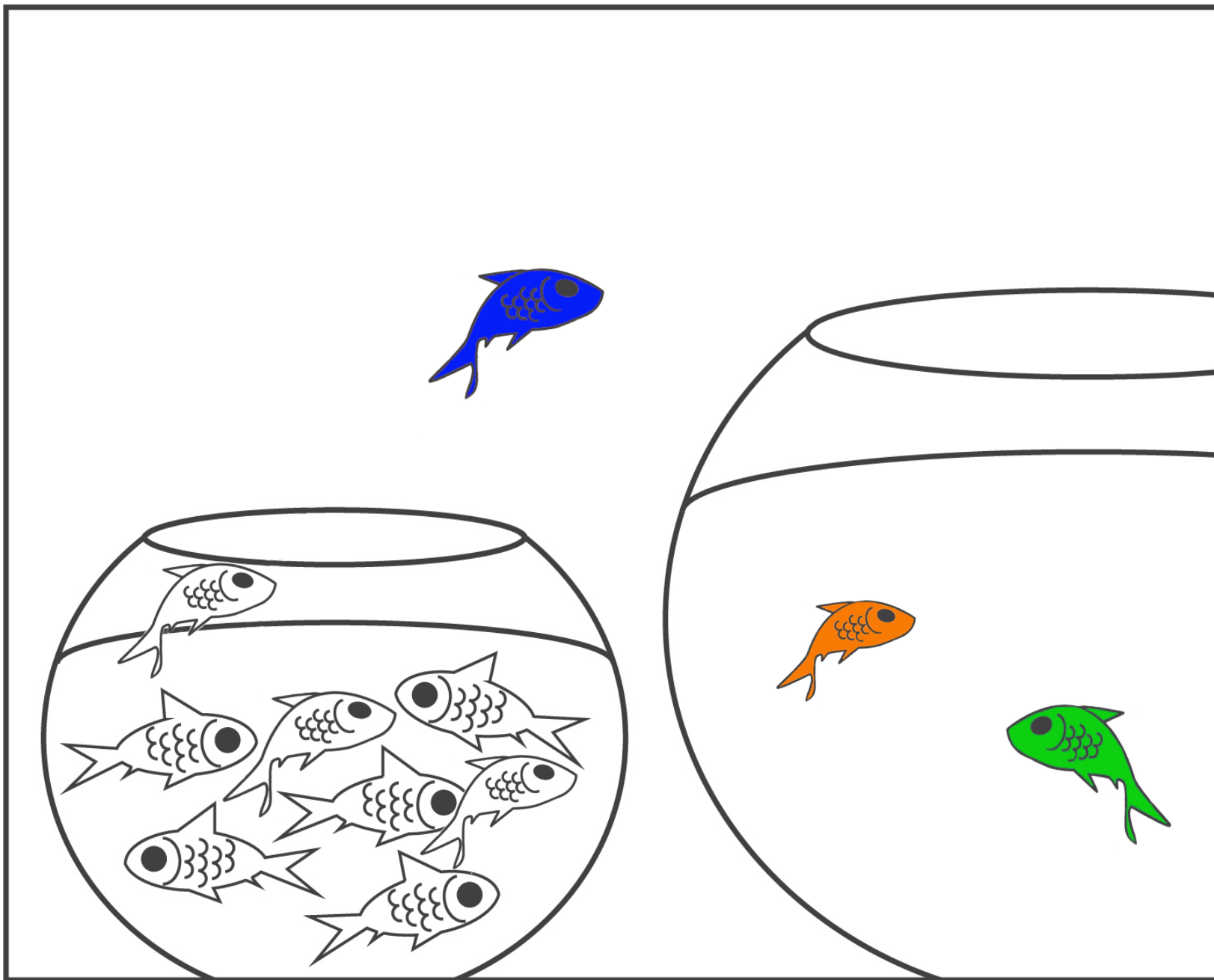
Do you remember last year?

SWITCH as the first one in a huge aquarium

- SWITCH



...got company in the meantime

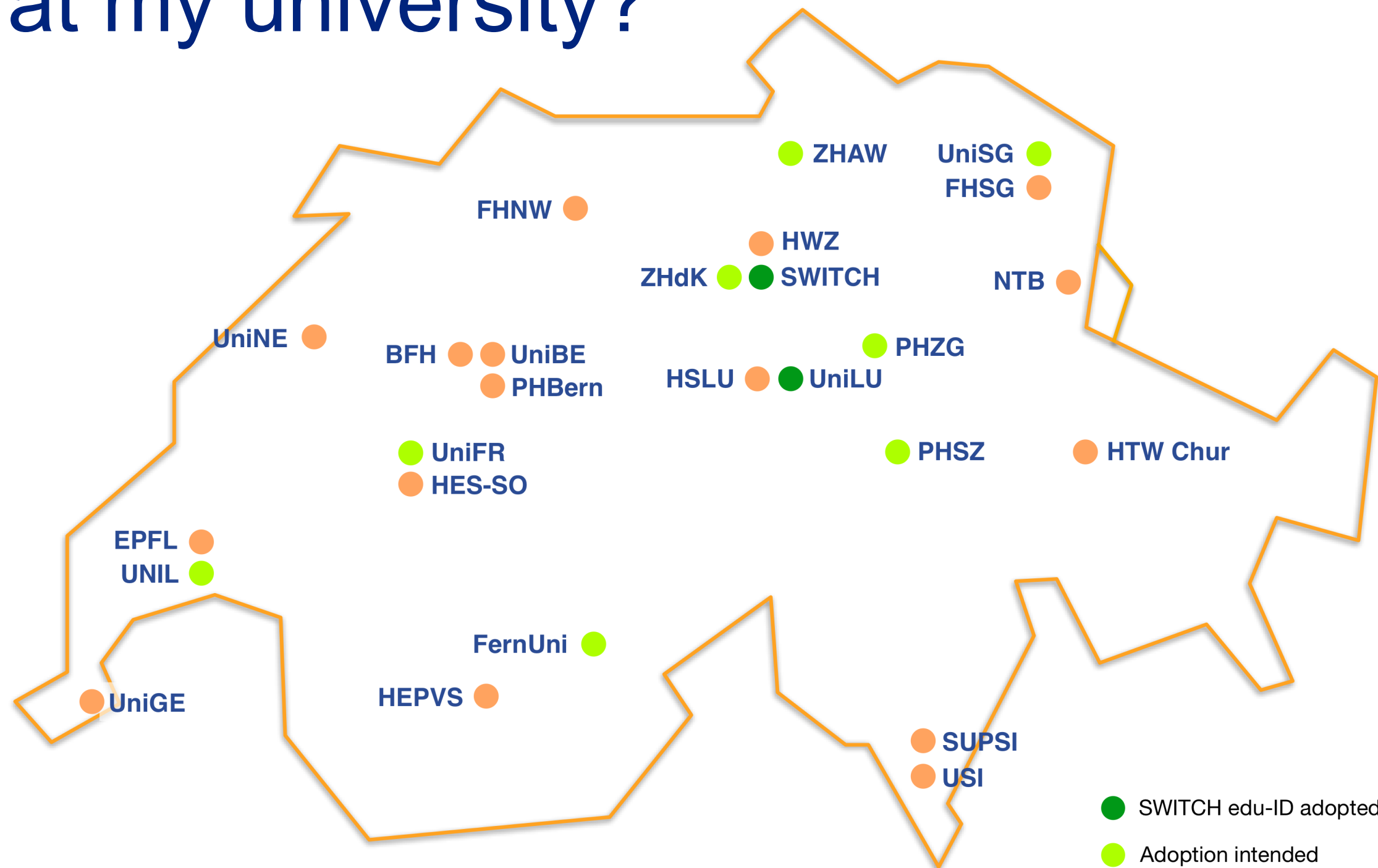


- SWITCH
- UNILU (1.2.2019)
- FernUni (March 2019)
- UNISG (July 2019)

And others follow:

- ZHdK
- UNIL
- UNIFR
- PHSZ
- ...

edu-ID at my university?



Visible changes? edu-ID login



My edu-ID Help

Log in to: SWITCHdrive

Service description:

Sync and share files

SWITCH edu-ID

E-mail:

john.doe@example.org

Password:

Enter your password



Create account

Login

[Forgot password?](#)

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The easiest way!

- SWITCHdrive
- SWITCHengines
- SWITCHhub (soon → user based licencing)
- Libraries
- National services
- Extended model services (able to consume multiple affiliations)

Visible changes? Choice of role

SWITCH edu-ID

My edu-ID Help EN ▾

Choose an Identity to Proceed

You are about to access the service 'AAI Attributes Viewer' with one of your identities. Choose one to proceed.


When you return to the service it will recognize you with the identity you choose now.

Staff @ SWITCH Staff
petra.kauer@switch.ch



Private Person
petra@kauer-ott.ch



 [Manage your identities](#)

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Only shown if user has a choice:

- between multiple roles
- between organisational or private use

Visible changes? No, WAYF as before

SWITCHaai

SWITCH

[About AAI](#) | [FAQ](#) | [Help](#) | [Data Privacy](#)

Select your organisation

In order to access the service **UniPortal UNILU** please select or search the organisation you are affiliated with.

Select

Last used

Universität Luzern

Universities

EPFL - EPF Lausanne

ETHZ - ETH Zurich

University of Fribourg

University of Zurich

Università della Svizzera italiana

Universität Basel

Universität Bern

Universität Liechtenstein

Universität Luzern

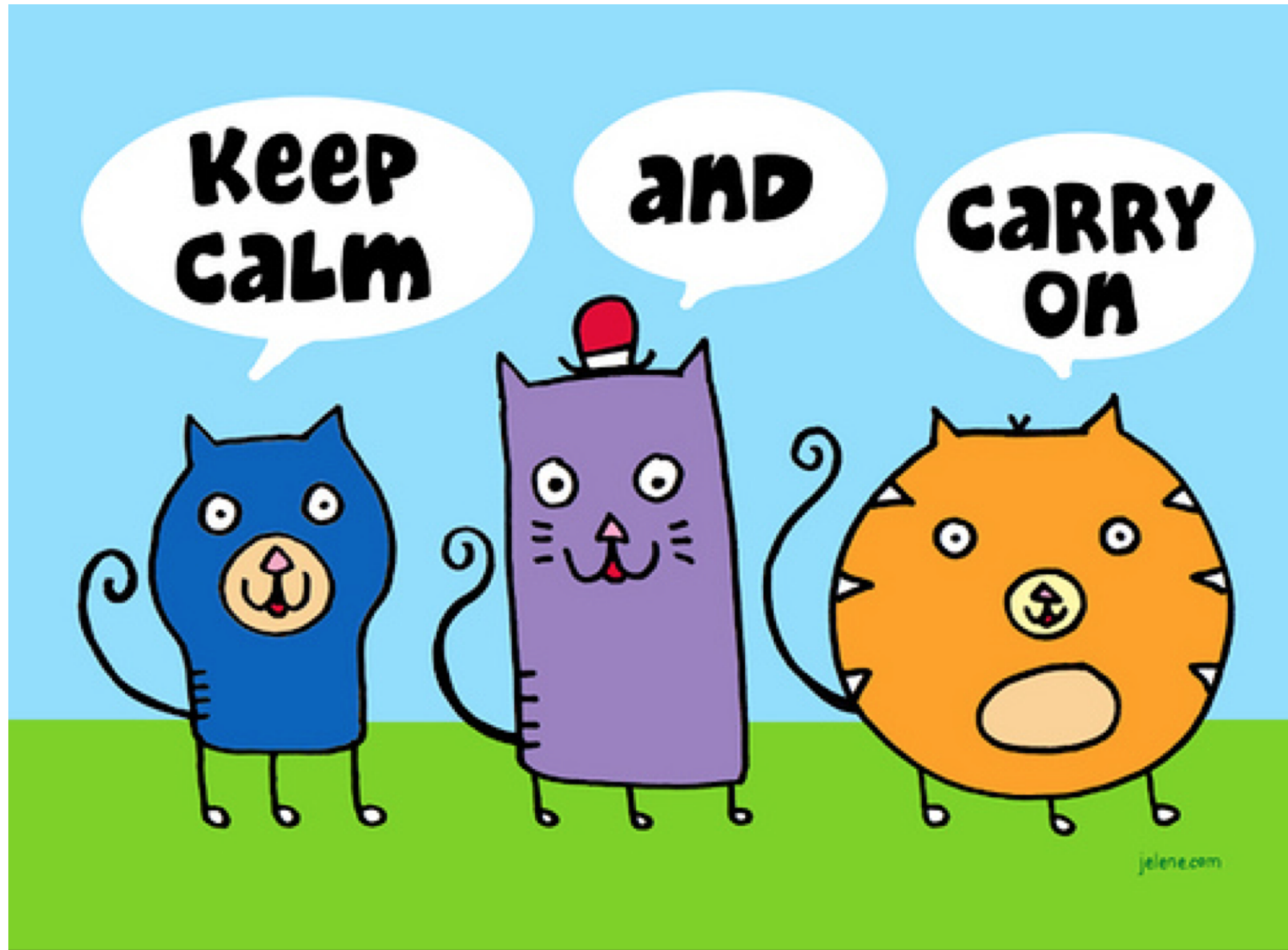
Universität St. Gallen

Université de Genève

**Selection list (WAYF)
still remains for a while**

→ Choose your university

What changes for services with edu-ID?



Source: <https://www.flickr.com/photos/jelene/2966591130>

Nothing !

Same attributes delivered as with AAI

Think about opportunities:









- Registration services
- Private users
- Correct authentication (attributes analyzed by services)

How to configure a service? Example ONLA

Private users: yes

Service accepts edu-ID – including private users









Configuration:
<https://rr.aai.switch.ch>

Basic Resource Information	
Federation	SWITCHaai Federation
Home Organization	zhdk.ch (SWITCHaai)
EntityID	https://go.zhdk.ch/CLX.Evento/Authentication/SwissEduId 
Relying Party	Default
Interfederation Enabled	 Interfederation support not enabled
GÉANT Data Protection Code of Conduct	 Not committed to  GÉANT Data Protection Code of Conduct
REFEDS R&S Category	 Service not compliant with  REFEDS R&S .
SWITCH edu-ID Private Identity Enabled	 SWITCH edu-ID users can access this resource with their private identity. These users might not have a  linked identity and self-registered their account with only their private identity.
Home URL	https://go.zhdk.ch/

How to configure a service? Example Moodle ZHAW

Private users: no Standard setting – fits for most services very well

Service accepts edu-ID – but only with an organisational affiliation
 → most services (classic ones), will not provide access for users with edu-ID

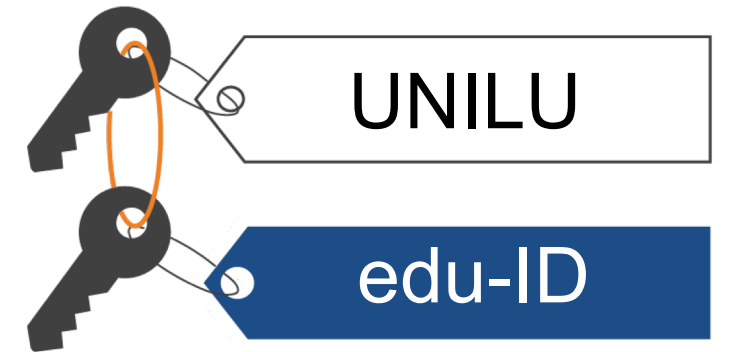
Basic Resource Information	
Federation	SWITCHaai Federation
Home Organization	zhaw.ch (SWITCHaai)
EntityID	https://moodle.zhaw.ch/shibboleth 
Relying Party	Default
Interfederation Enabled	 Interfederation support not enabled
GÉANT Data Protection Code of Conduct	 Not committed to  GÉANT Data Protection Code of Conduct
REFEDS R&S Category	 Service not compliant with  REFEDS R&S .
SWITCH edu-ID Private Identity Enabled	 Currently, only SWITCH edu-ID users with one or more  linked identity might access this resource.
Home URL	https://moodle.zhaw.ch/

Additional information:

Classic versus extended model services

- If you accept edu-ID users as a **classic service** like **Moodle**, the service receives only private identity information
- Only **extended model services** as **SWITCHdrive** (able to consume multiple affiliations) can get/analyse linked affiliations

edu-ID adoption at UNILU



“Unwantedly we write - as a small university - history with the complete change to SWITCH edu-ID.
We are a bit proud of that ... 😊”
Marco Antonini, head of IT, UNILU

“I’ve done the necessary long time ago (linking).
It only took a few minutes. Choose an appropriate mail address and password was the hardest part.”
Bernhard Lange, Head of Teaching Centre, UNILU

“Account linking was easy for students but older ones and those not reading the instructions needed more support. The benefit is not obvious.”
Michael Fischer, TF distance studies & assessments, UNILU



What was the benefit again?

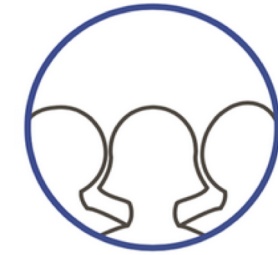
- One identity for all academic services
 - lifelong, user-controlled and secure
- Use outside of the confines of web applications
- Transparent data quality and forwarding

Goal: future-proof infrastructure for Swiss academia

Some advantages appear only on level service or organisation

- access to additional services with edu-ID for all kind of users
- centralized functions handling easier - like mobile support or Two-Step Login
- interoperability (e.g., interfederation)

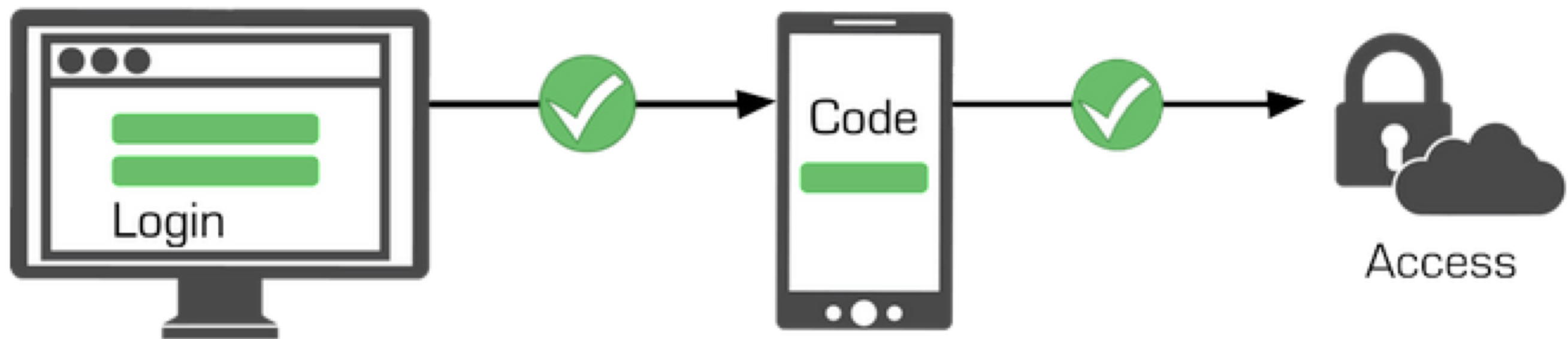
Is edu-ID easy to handle?



- **Think differently:** easier for new users (registration)
- **More responsibility:** keep lifelong learning and career in mind
- **Improved usability:**
 - tests April 2018 by HTW Chur & HESGE
 - guided process to merge duplicate accounts
- Admin interface for organisations
- Technical accounts for services

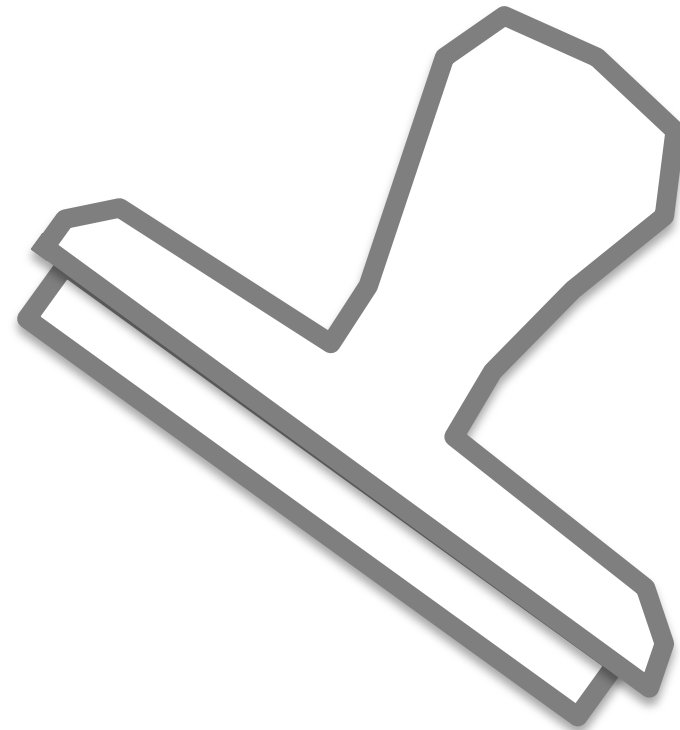
Is edu-ID safe?

- As safe as you store/use your credentials
- External penetration tests in summer 2018
- Enhanced security with Two-Step Login



- SMS
- TOTP (Q1/Q2 2019)

Is edu-ID compliant with Data Protection Law?



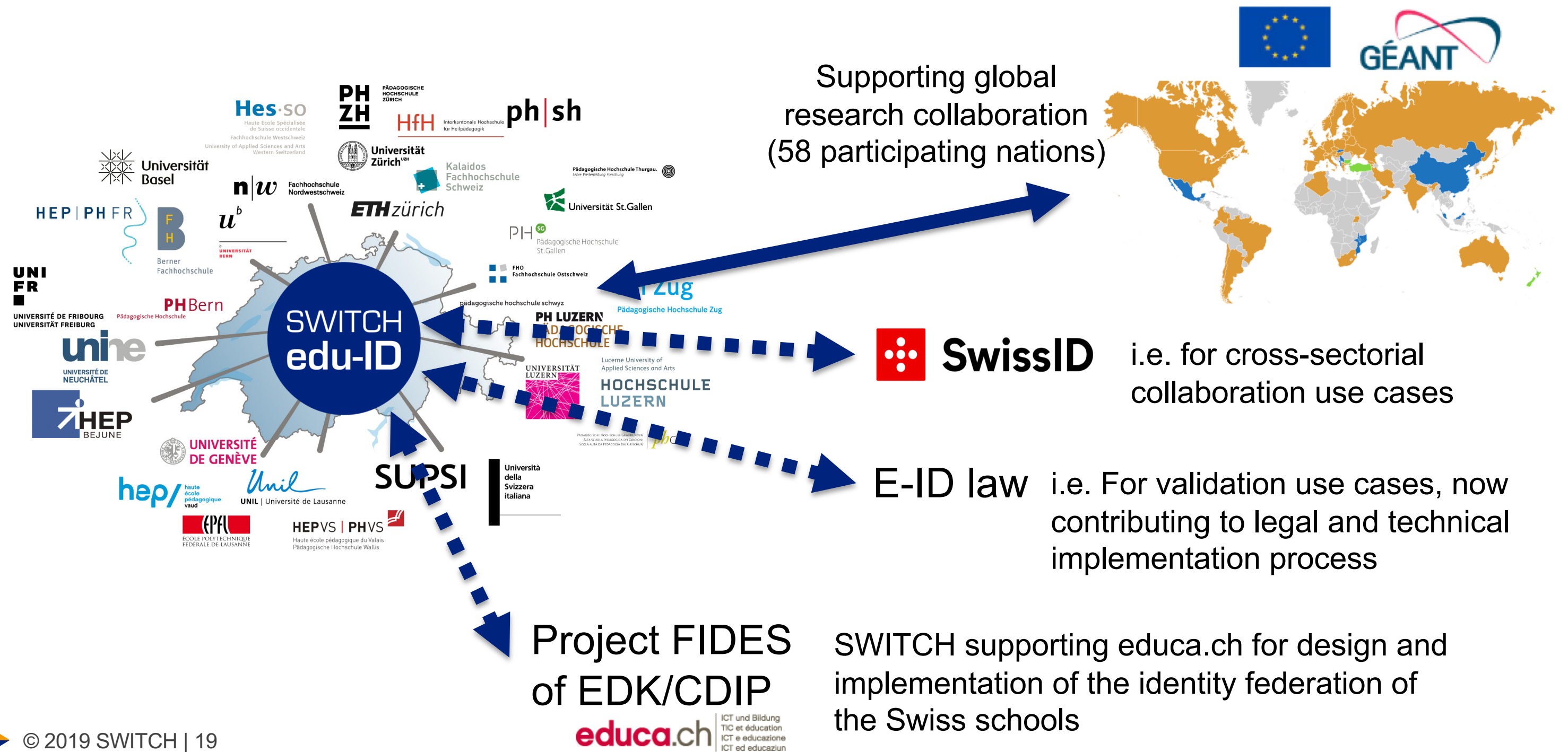
We are compliant with
the different applicable
data protection laws

https://swit.ch/edu-id_faqs

Data Protection
Law compliant

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How is edu-ID positioned in the identity landscape?





Meet edu-ID

Trust and Identity WG meeting & edu-ID Update Event

May 15 2019 in Berne



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edu-ID

For individual meetings contact us

SWITCH

Working for a better digital world

SWITCH
edu-ID

Service: <https://eduid.ch>
Information: <https://switch.ch/eduid>
Contact: eduid@switch.ch
Support: eduid-support@switch.ch