SWITCH edu-ID concept & benefits
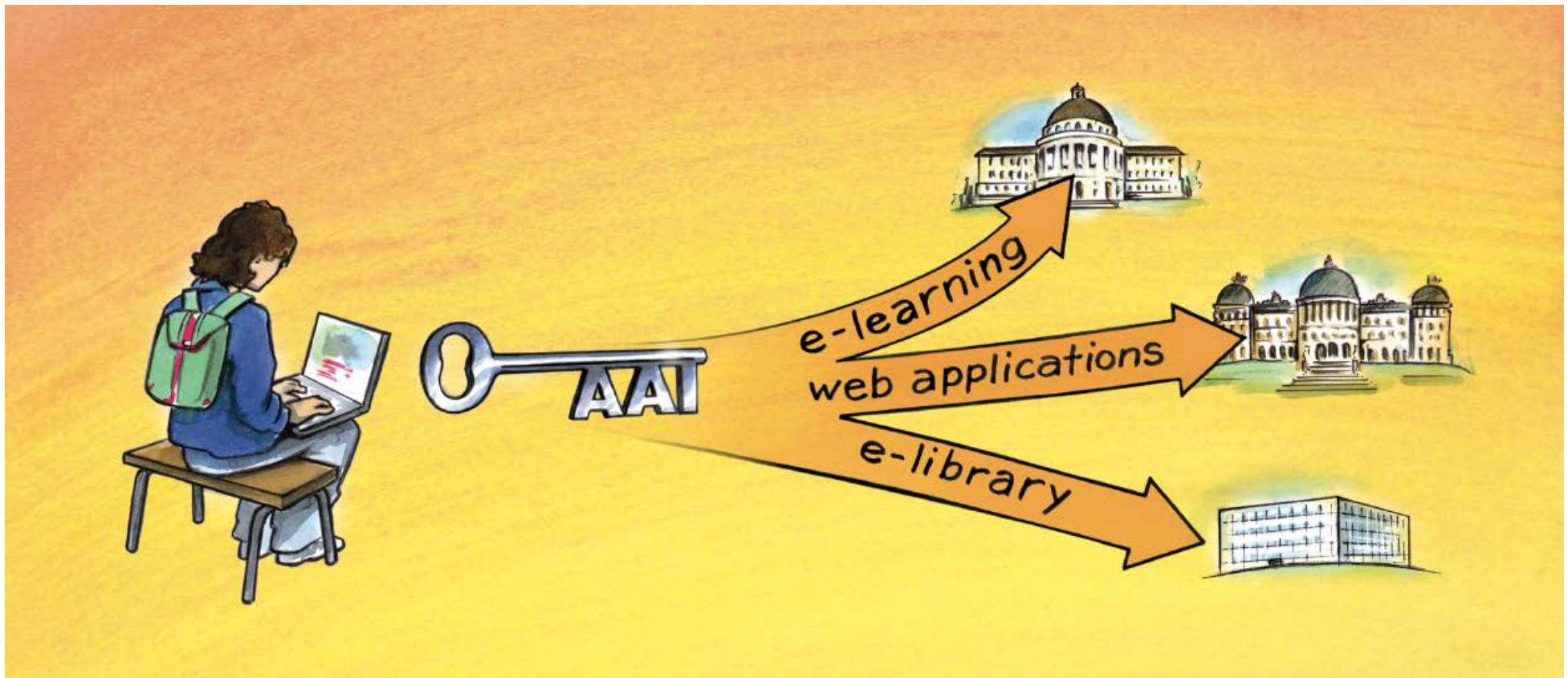
SWITCH

Christoph Graf
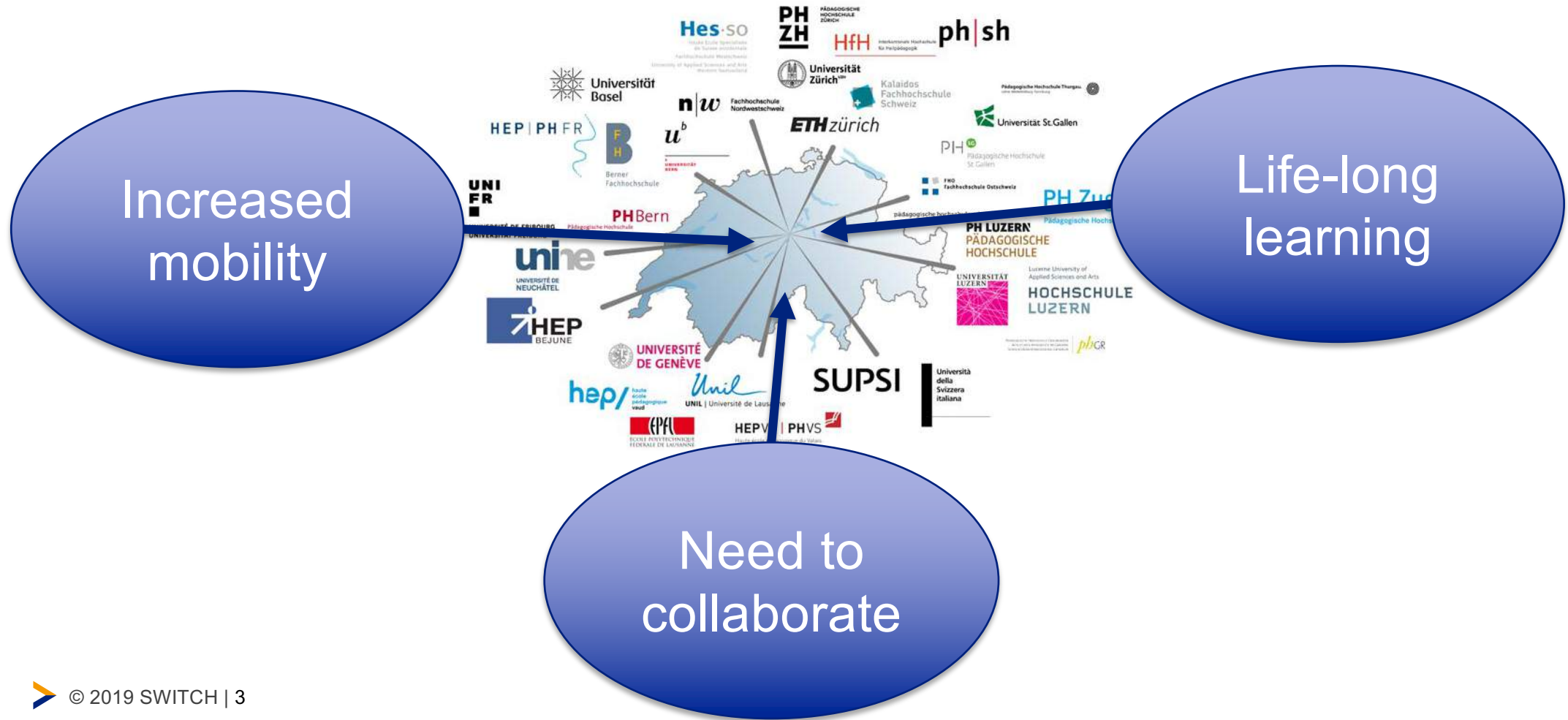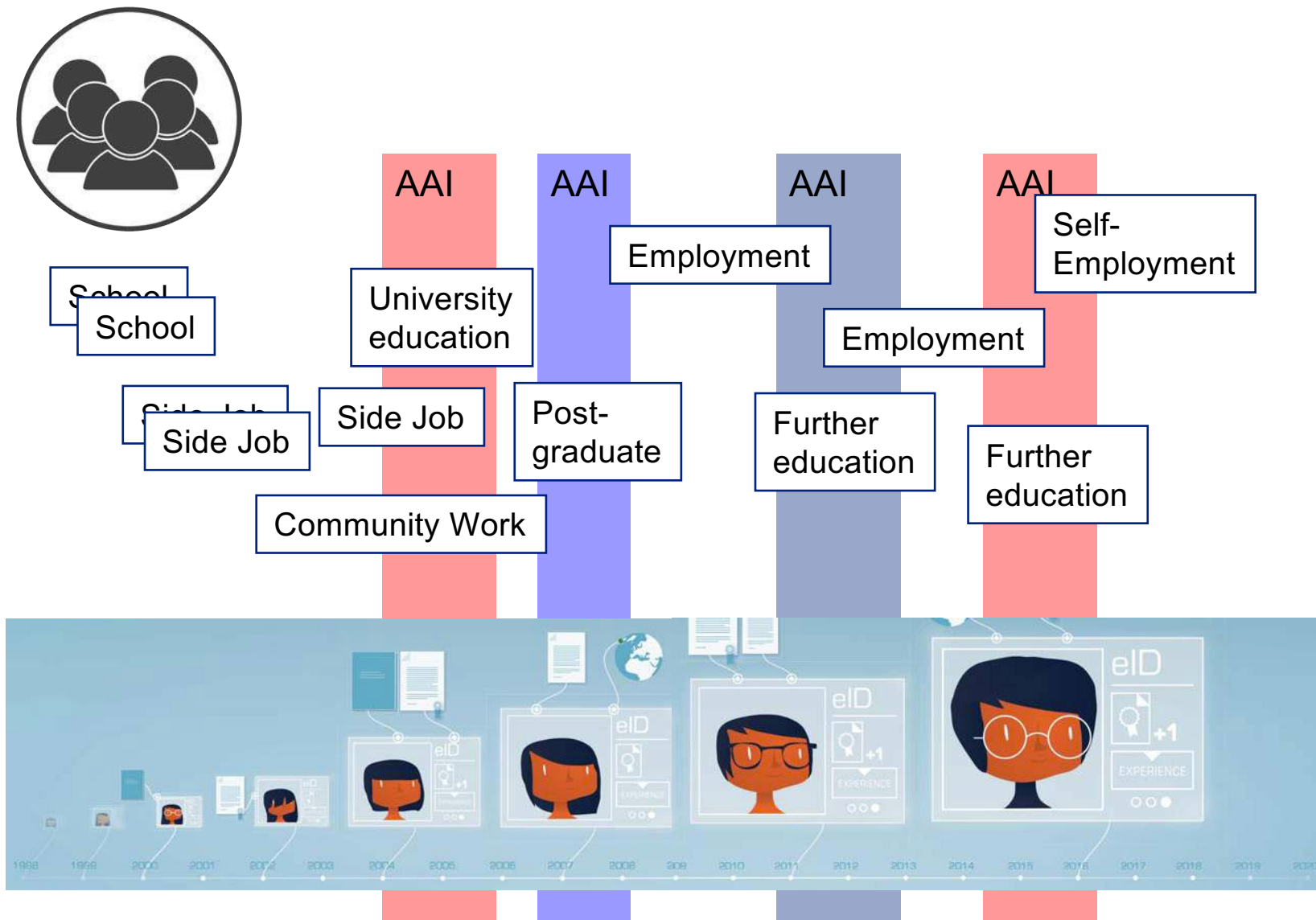eduid@switch.ch

Tr&Id WG Meeting, Berne, 15 May 2019
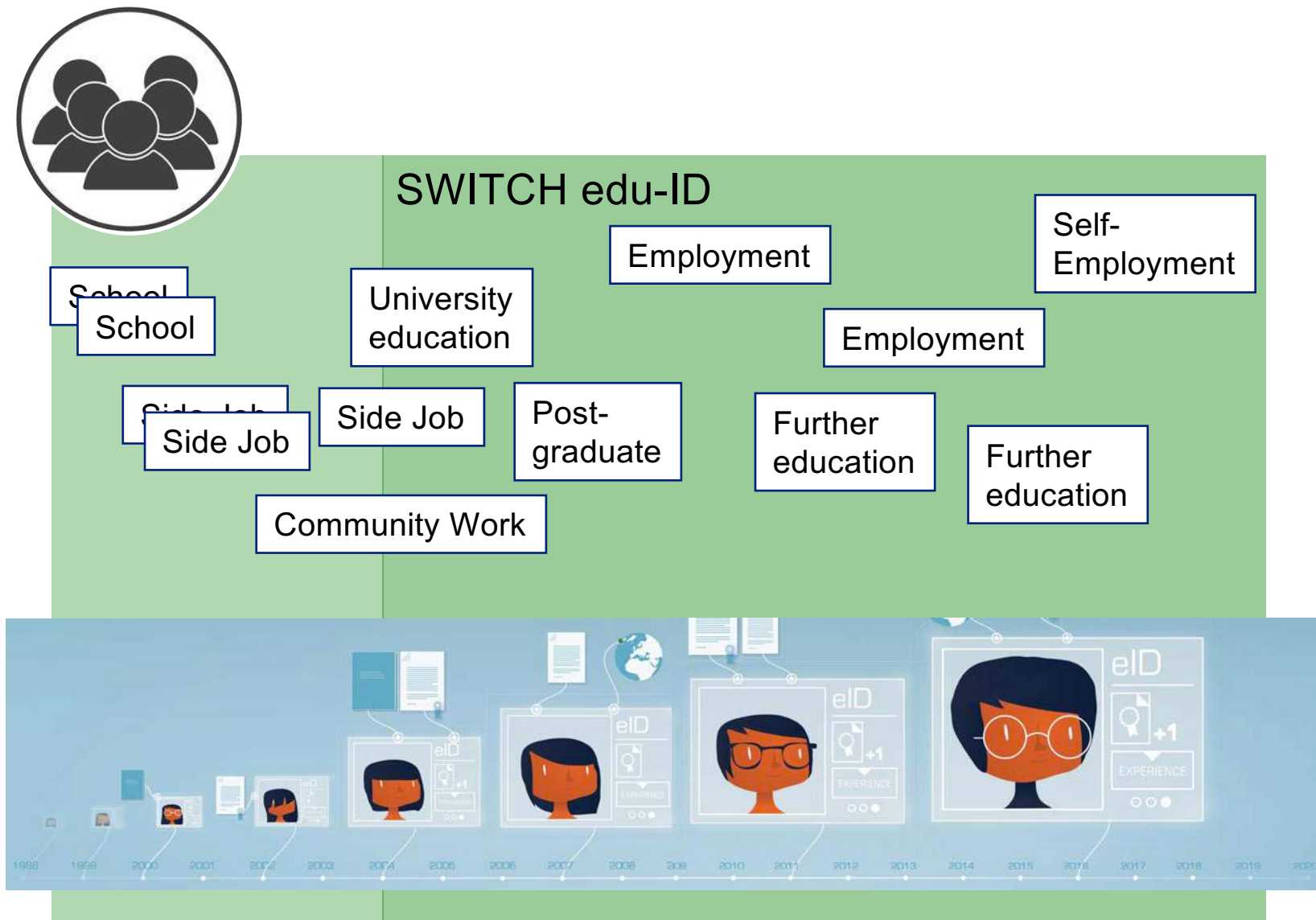
SWITCHaai/SWITCH edu-ID:
The key to resource sharing since 2005

… new trends, new challenges & requirements

Increased mobility

Life-long learning

Need to collaborate

SWITCH

AAI AAI AAI AAI

School
School
University education
Employment
Self-Employment

Side Job
Side Job
Side Job
Employment

Post-graduate
Further education
Further education

Community Work

SWITCH edu-ID

School

School

University education

Employment

Self-Employment

Employment

Side Job

Side Job

Side Job

Post-graduate

Further education

Further education

Community Work

SWITCH edu-ID identity corner stones

SWITCH

Governance
SWITCH is governed by the Swiss universities

Trust
the primary trust anchor are universities providing information

Persistency
identities are to survive organisational affiliations

New

User-centrism
the only stable element is the user

New

Openness
open to all users with relation to Swiss academia

New

Scalable quality
transparency & validation processes

New

Extendability
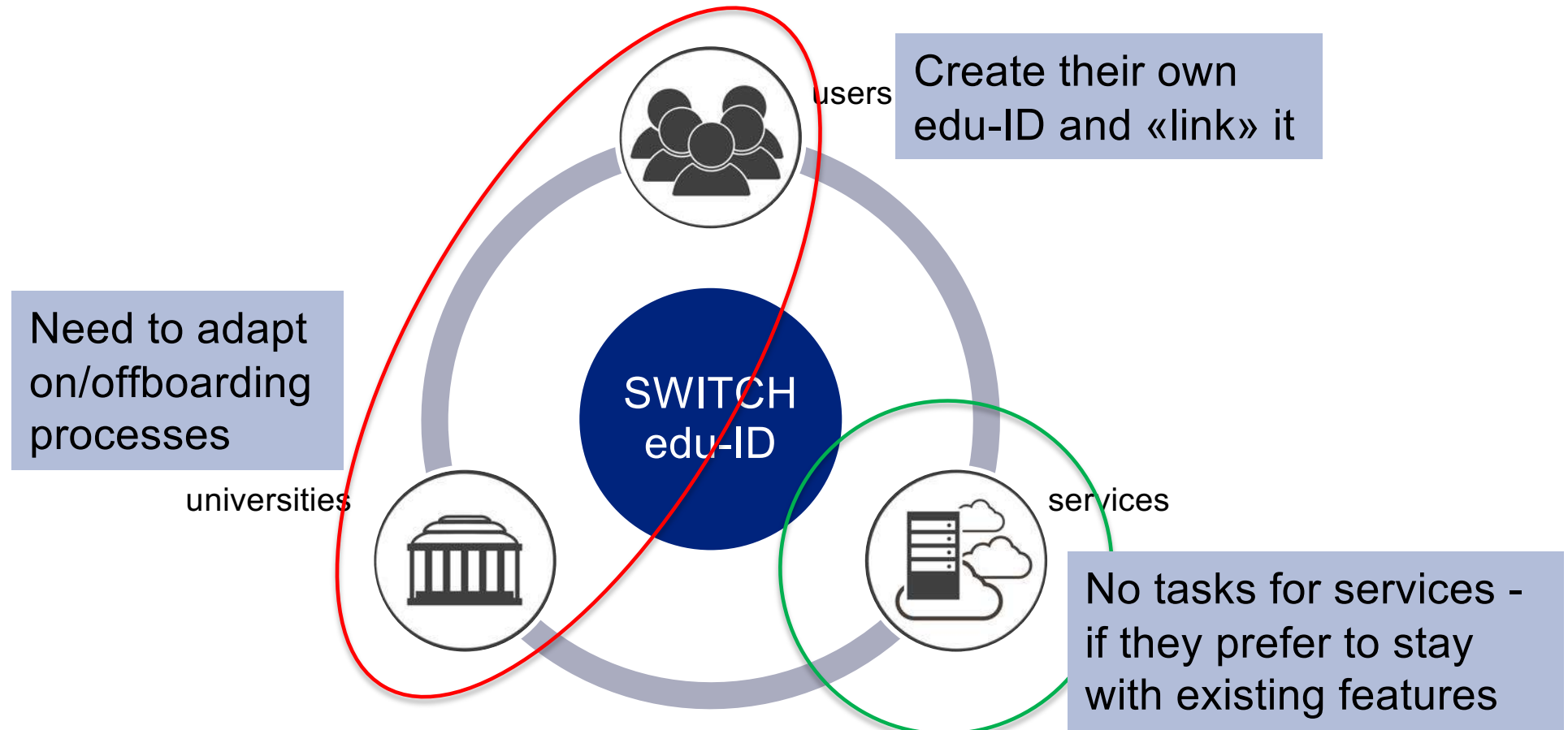mobile environments, non-web use cases, new protocols

New

"The migration to SWITCH edu-ID on 1 February 2019 went smoothly. Smaller problems after the migration were solved very quickly by SWITCH. Despite some obstacles in the course of the project, SWITCH provided us with competent support and assistance at all times."

– Marco Antonini, Head of IT, university of Lucerne

From AAI to edu-ID – Who is affected?

Create their own edu-ID and «link» it

Need to adapt on/offboarding processes

No tasks for services - if they prefer to stay with existing features

users

universities

services

SWITCH edu-ID

AAI/edu-ID user guide to access services

Whether migrated or not, this is all you need to know:

Whenever asked to make a choice of organisation or identity
➔ select your employer or university
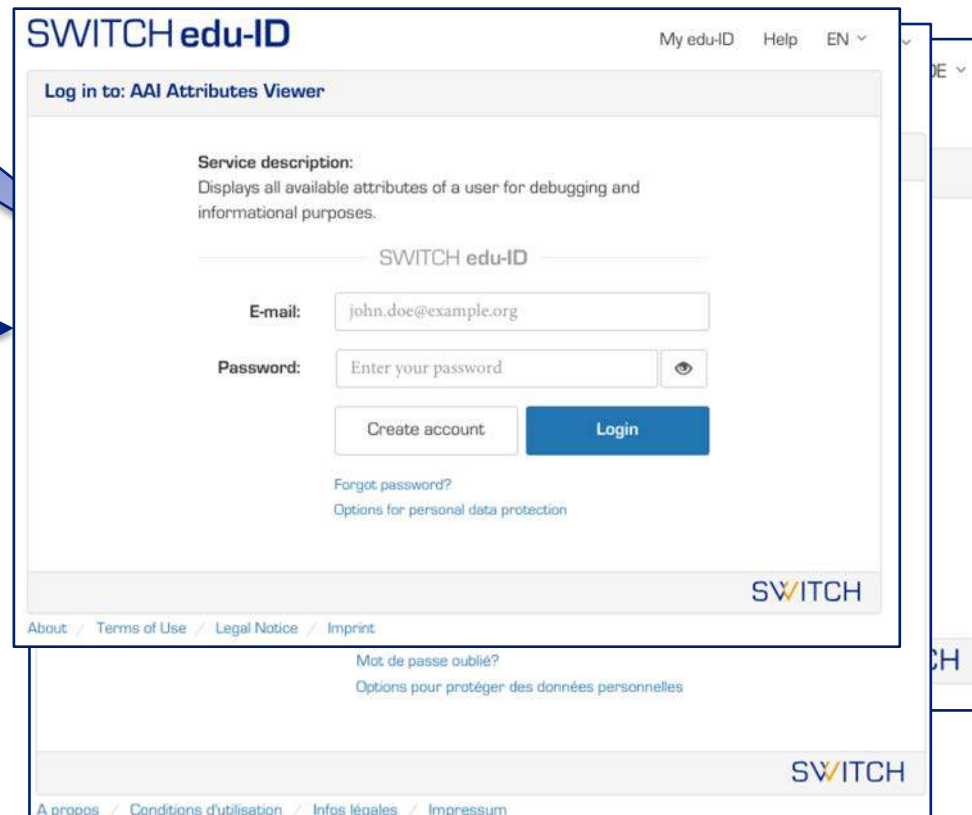(select SWITCH edu-ID or private identity only when acting as private person)

Whenever you see a login window from your university…
➔ Enter the credentials you got from your university

Might go away after migration

Whenever you see a SWITCH edu-ID login window…
➔ Enter your own SWITCH edu-ID credentials
(if not done yet, create a SWITCH edu-ID – preferably using your AAI-account)

The SWITCH edu-ID experience

Consistent co-branding CI/CD

SWITCH edu-ID

My edu-ID   Help   EN ˅

Log in to: AAI Attributes Viewer

Service description:
Displays all available attributes of a user for debugging and informational purposes.

SWITCH edu-ID

E-mail: john.doe@example.org

Password: Enter your password

Create account   Login

Forgot password?
Options for personal data protection

SWITCH

About / Terms of Use / Legal Notice / Imprint

Mot de passe oublié?
Options pour protéger des données personnelles

SWITCH

A propos / Conditions d'utilisation / Infos légales / Impressum
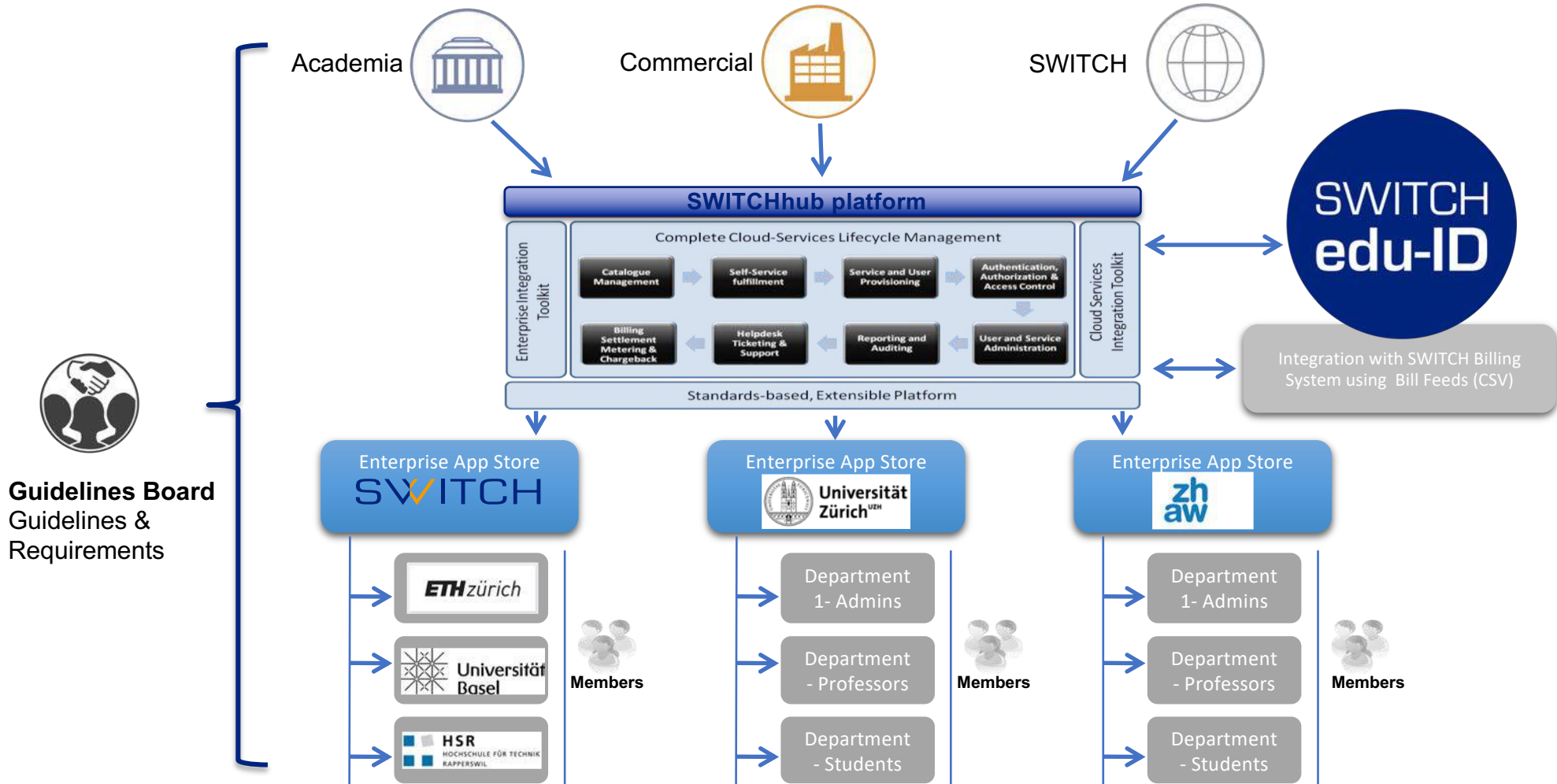
University services

Third party services

Many local services

Delaying the move to SWITCH edu-ID?

- There is no expiration date to SWITCHaai defined (yet), but..
  - Focus of SWITCH shifted away from AAI to edu-ID
  - Focus on improving SWITCH edu-ID (customer IdPs are not in there)
  - New features of SWITCH edu-ID are not «backported» by SWITCH to AAI

- Project funding of swissuniversities ending after 2020
  - Or earlier, when project money runs out
  - There still is project money available for migration tasks... Go for it!

- New services will require SWITCH edu-ID identities
  - Completely transparent to users of migrated organisations
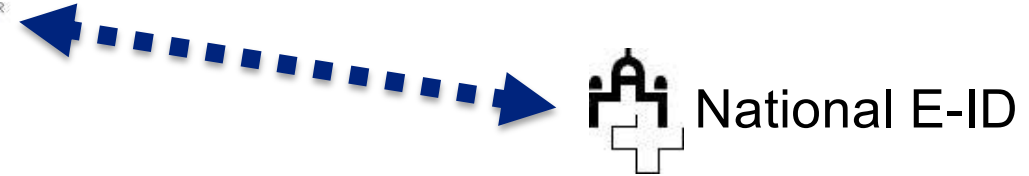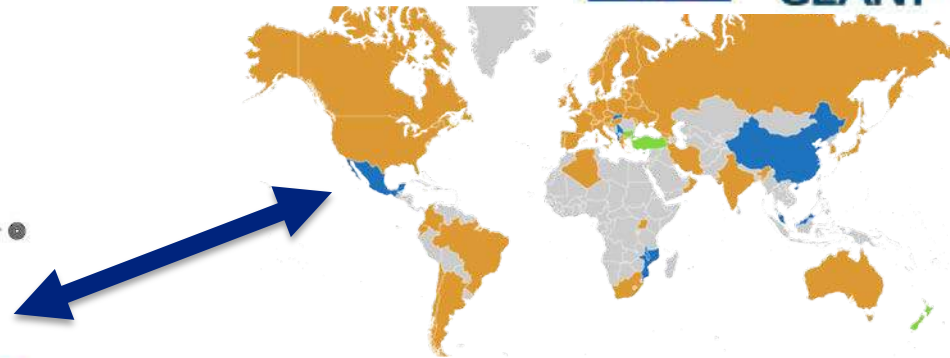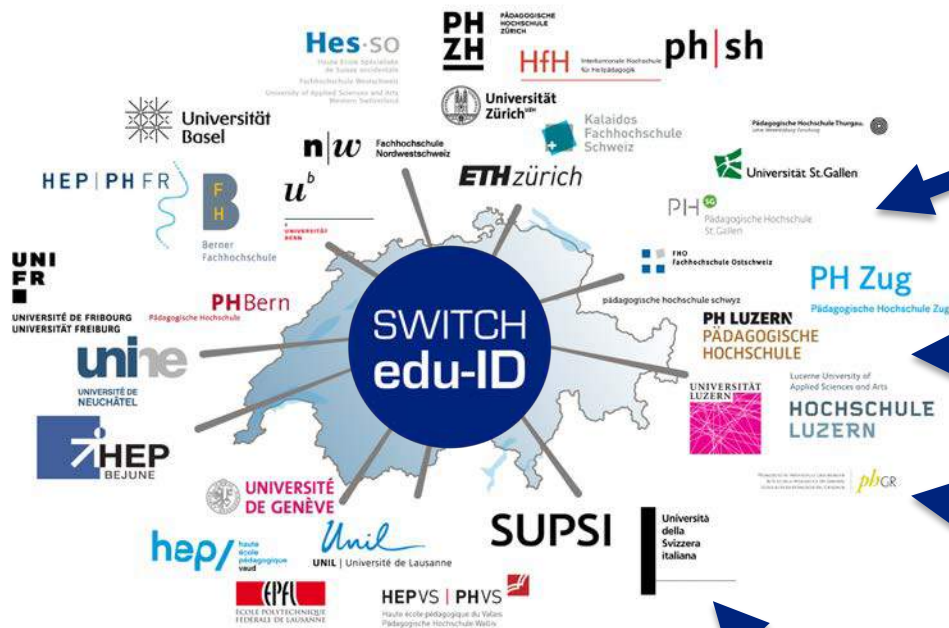 - Extra steps needed for users of not yet migrated organisations

SWITCHhub overview

The identity neighbourhood

Supporting global research collaboration

GÉANT

SWITCH edu-ID

SwissID

National E-ID

Project FIDES

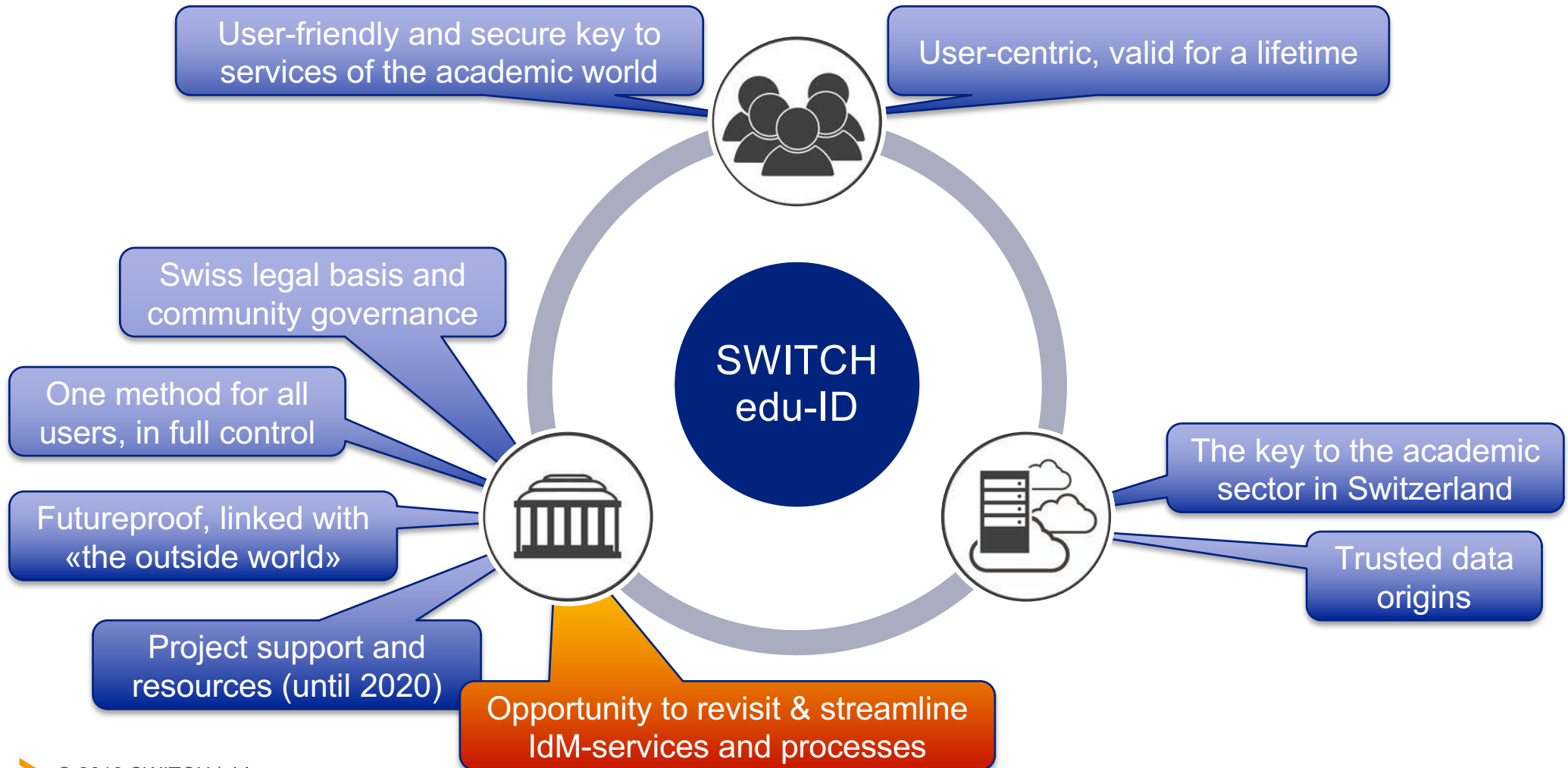educa.ch
ICT und Bildung
TIC et éducation
ICT e educazione
ICT ed educaziun

EDK | CDIP | CDPE | CDEP |
Schweizerische Konferenz der kantonalen Erziehungsdirektoren
Conférence suisse des directeurs cantonaux de l'instruction publique
Conferenza svizzera dei direttori cantonali della pubblica educazione
Conferenza svizra dals directurs chantunals da l'educaziun publica

From AAI to edu-ID –Who benefits?

SWITCH

SWITCH edu-ID

User-friendly and secure key to services of the academic world

User-centric, valid for a lifetime

Swiss legal basis and community governance

One method for all users, in full control

Futureproof, linked with «the outside world»

Project support and resources (until 2020)

Opportunity to revisit & streamline IdM-services and processes

The key to the academic sector in Switzerland

Trusted data origins

SWITCH

Working for a better digital world