

Can your IT set-up cross borders?

Experiences from European University Alliances

Please line up in the room depending on your experience with European University Alliances

A lot of experience: left side of the line



Some experience: middle of the line

No experience: right side of the line



Seated at a table?

Experiences from European University Alliances

Introduce yourself at your table and explain any experience with (digitalization in) European University Alliances



Why this session?

- What are European University Alliances?
- And why do they influence the way we set up our digitalization projects?

→ Structure of this session

→ Presenting the speakers

Institutional context

- Alex Lodder
Utrecht University / CHARM-EU
- Ben Parker
Eindhoven University of Technology / EuroTeQ



About CHARM-EU

CHARM-EU



CHallenge-driven
Accessible
Research-based
Mobile
European
University

What we have:

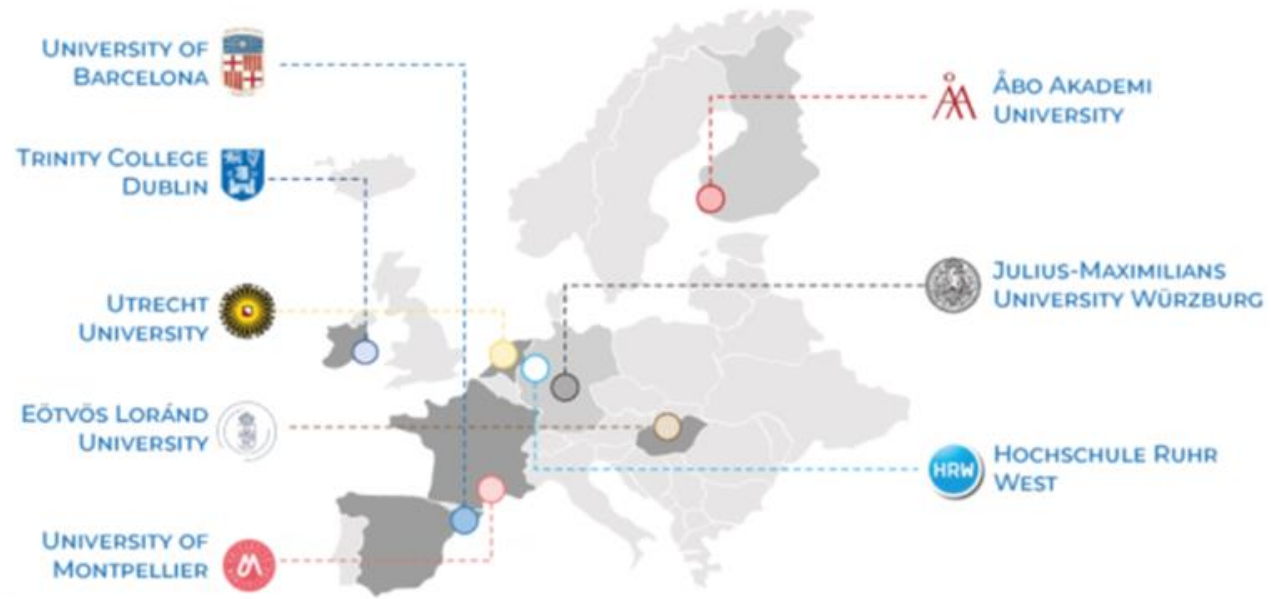
- Shared Master's degree with 5 universities.

Our ambition:

- Course mobility between eight European universities

WELCOME TO CHARM-EIGHT

CONTRIBUTING TO CREATE A TRANSFORMATIVE AND SUSTAINABLE EUROPEAN EDUCATIONAL EXPERIENCE



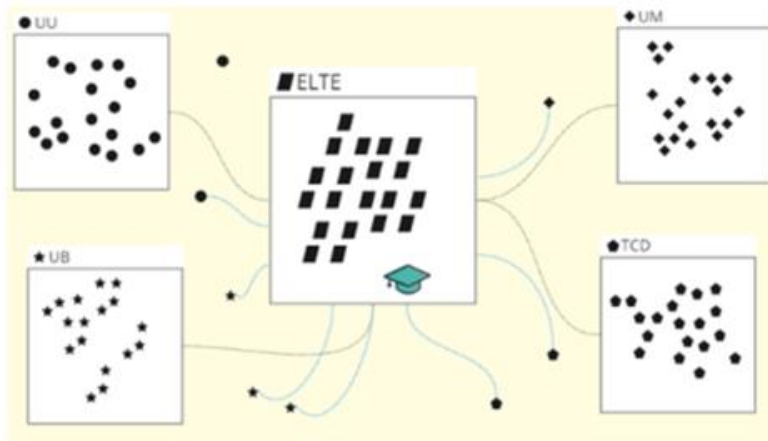
Co-funded by the
Erasmus+ Programme
of the European Union



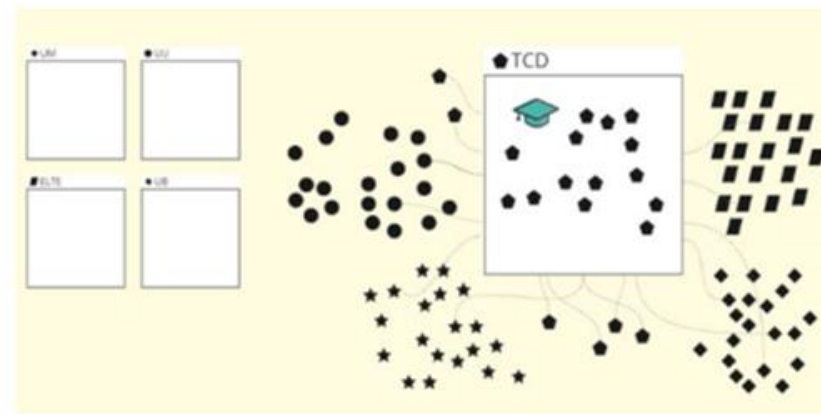


How are we facilitating a shared master's degree? Interconnected hybrid classrooms and combined IT-services

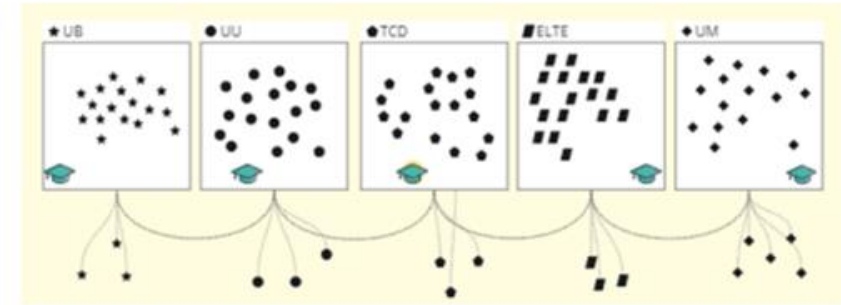
One main classroom scenario



Just one classroom scenario



Five classrooms scenario





Lessons learned

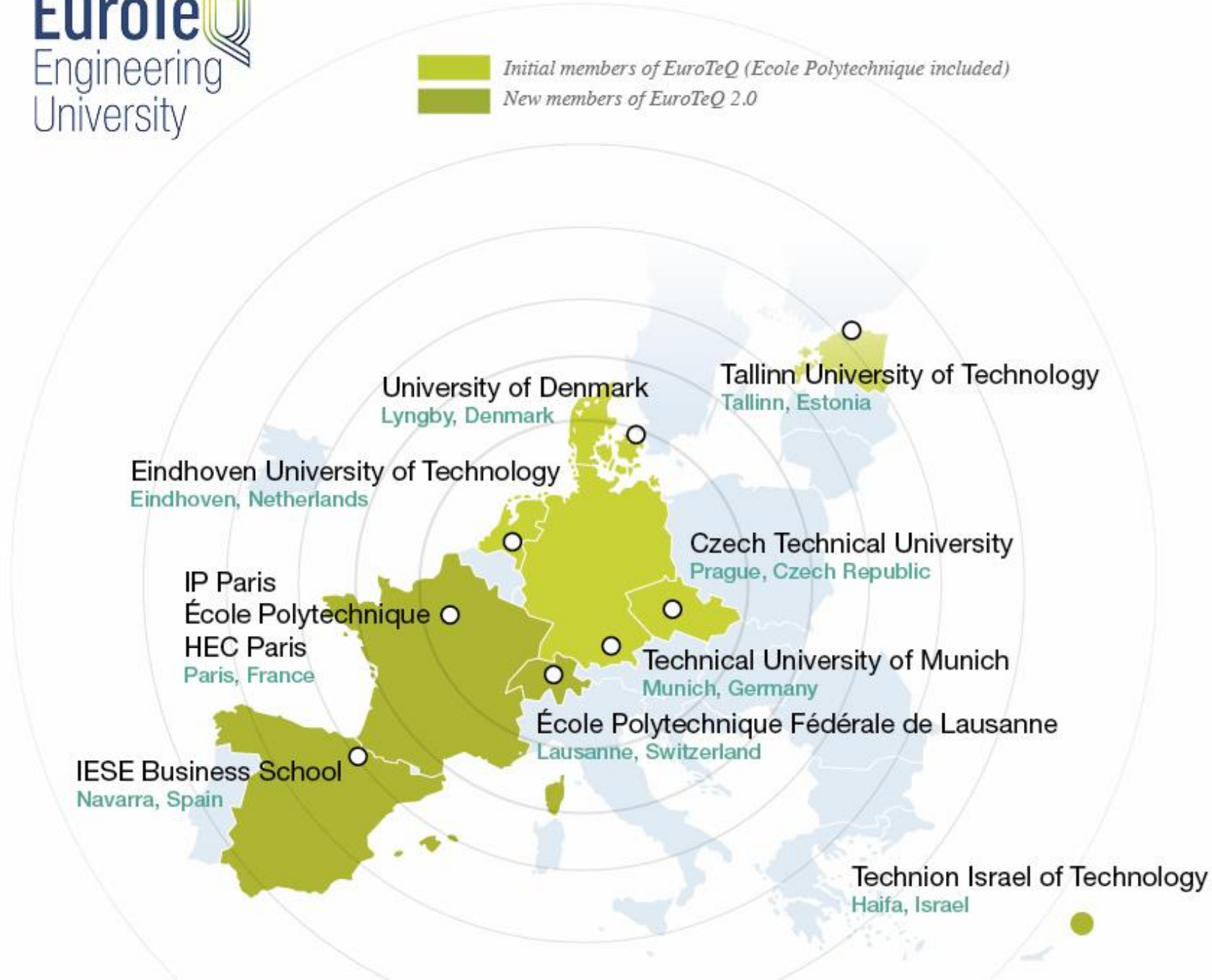
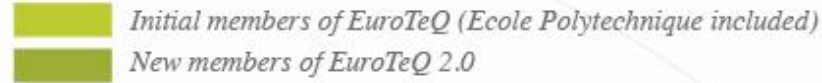
- 1) Ambitious projects like this accelerate business capabilities of your own university.
- 2) Start small: 90 students per cohort.
- 3) Use the experiences to identify key bottlenecks. For us this includes topics such as:
 - **Student identity:** *A CHARM-EU student identity vs provisioning users on their existing university identity.*
 - Finding solutions for **interoperability** between systems: *Using one virtual learning environment across institutions.*



Discussion:

As a sector, we need to adopt the perspective of international cooperation when designing our IT-solutions!

What do we gain by this, and what problems can we expect?



Building the EuroTeQ joint course catalogue

What is the target?

Improve the student experience
– ‘seamless mobility’

Grow the Campus - 50%
student mobility

Build systems and processes
that enable scalability

What was the starting point?

- Make use of existing good practice (EduXchange for Dutch alliances; expertise from SURF)
- Enhance the processes behind student mobility – an initial manual EuroTeQ course catalogue
- Establish priorities and tailor the processes/technology to the EUA context

a) 'Live' course
information
(Launched May 2023)

b) *Enrolment*

c) *Grading*

A single catalogue for all
alliance students

Display and exchange live
data between each SIS and
catalogue site



Standardising & simplifying
data requirements

Take a course at a EuroTeQ partner institution

Select your home institution to browse courses available for you. When you have found a course, you can apply through your home institution's contact point. Some courses from TUM, CTU, and TU/e are now being offered as part of the 'last seats available' campaign. The deadline for application on any courses available in this window is September 14th 2023.

Where do you study now?

TU/e Eindhoven University of Technology

TalTech Tallinn University of Technology

DTU Technical University of Denmark

X Institut Polytechnique de Paris

CTU Czech Technical University in Prague

TUM Technical University of Munich

TECHNION Technion Israel Institute of Technology

More info about [EuroTeQ](#)

Find a course



First application period

- ☐ Enrollment open (23)
- ☐ Starting soon (0)

Academic year

- ☐ 2023 - 2024 (23)

Starts in

- ☐ Sept 2023 (3)
- ☐ Nov 2023 (0)
- ☐ Jan 2024 (10)
- ☐ Feb 2024 (7)
- ☐ Mar 2024 (3)
- ☐ Apr 2024 (0)
- ☐ Aug 2024 (0)

Subject area

- ☒ Architecture and Construction (14)
- ☒ Business and Economics (11)
- ☐ Chemistry and Biology (5)

25 Courses

Sort by

Course name A-Z



× Architecture and Construction

× Business and Economics

Advanced Seminar Operations & Supply Chain Management: Supply Chain Finance & Supply Chain Resilience



Subject-specific content • Supply Chain Finance • Reverse Factoring • Supply Chain Risk Management • Finance and...

6 ECTS

No current offerings

Basic course in pavement engineering



This course serves as an introduction to the design and construction of asphalt pavements. Its main objective is exposit...

5 ECTS

Enrolment open

Cities and transportation



Cities are evolving rapidly but urban transportation evolves even faster. Recent examples include: car-sharing schemes,...

4 ECTS

Enrolment open

Building the EuroTeQ joint course catalogue

Discussion statement

“If there is no standard yet, we need to keep piloting and come up with new things.”

We may end up with a diversity of options, how do we know what's the ideal system?

Discuss (one of) these statements
at your table.
10-12 min

Alex' statement:

As a sector, we need to **adopt the perspective of international cooperation** when **designing our IT setup!**

What do we gain by this, and what problems can we expect?

Ben's statement:

If there is **no standard** yet, we need to **keep piloting** and come up with new things. We may end up with a diversity of options, how do we know what's the ideal system?

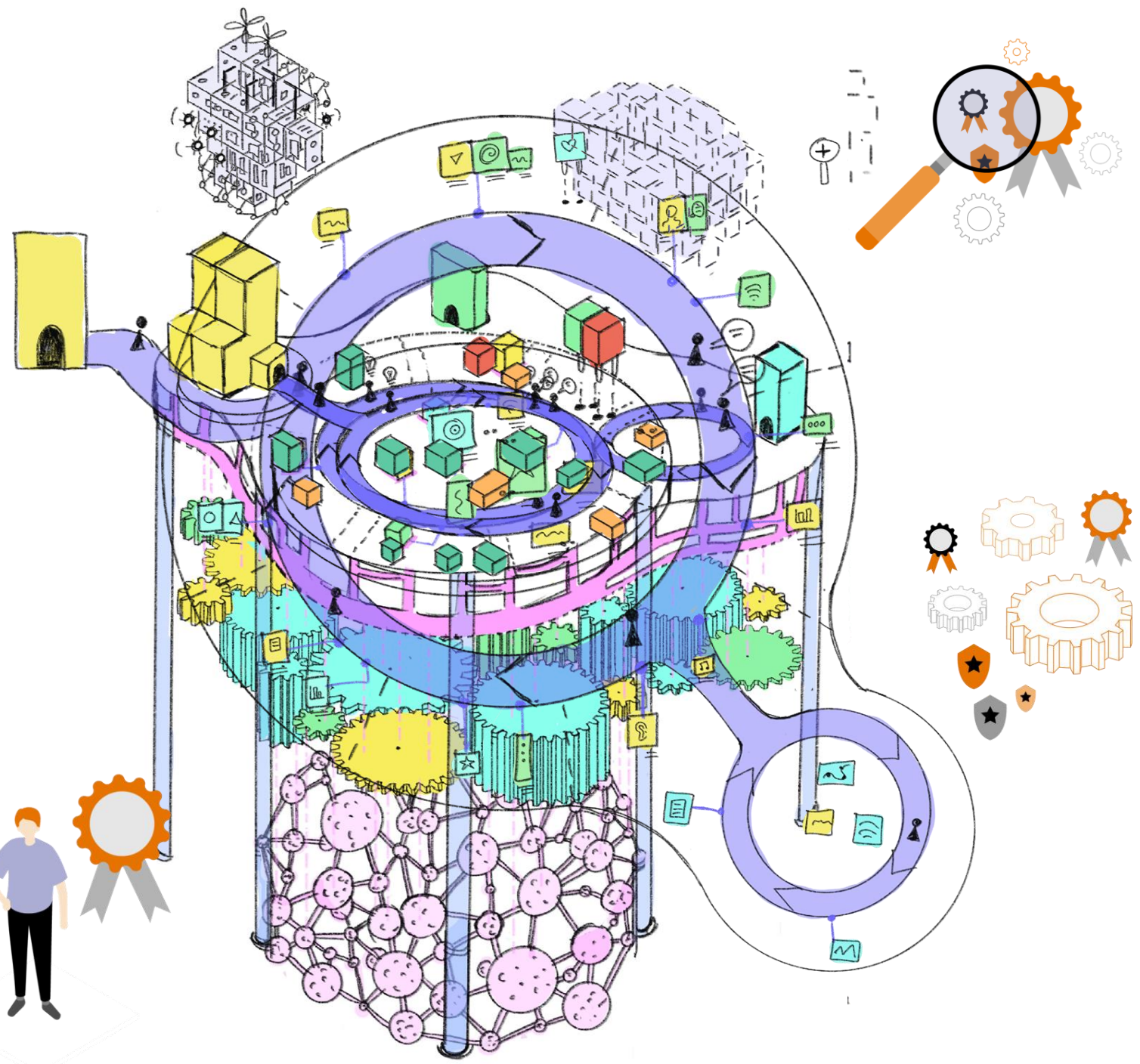
International context

- Evelien Renders
SURF
- Oliver Janoschka
Hochschulforum Digitalisierung

Interoperability is an invisible challenge

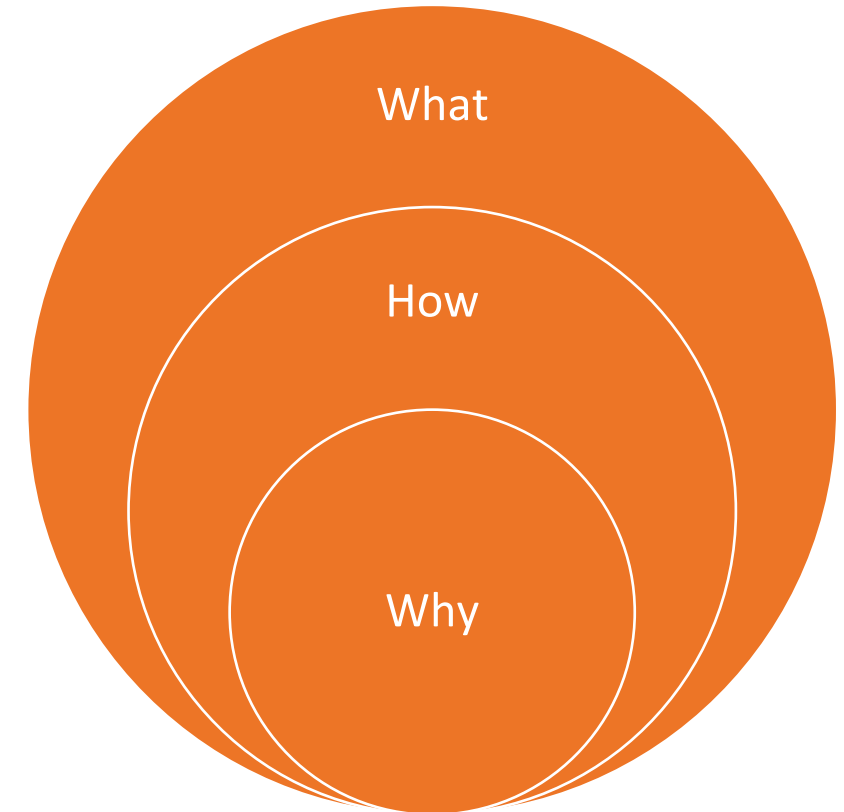
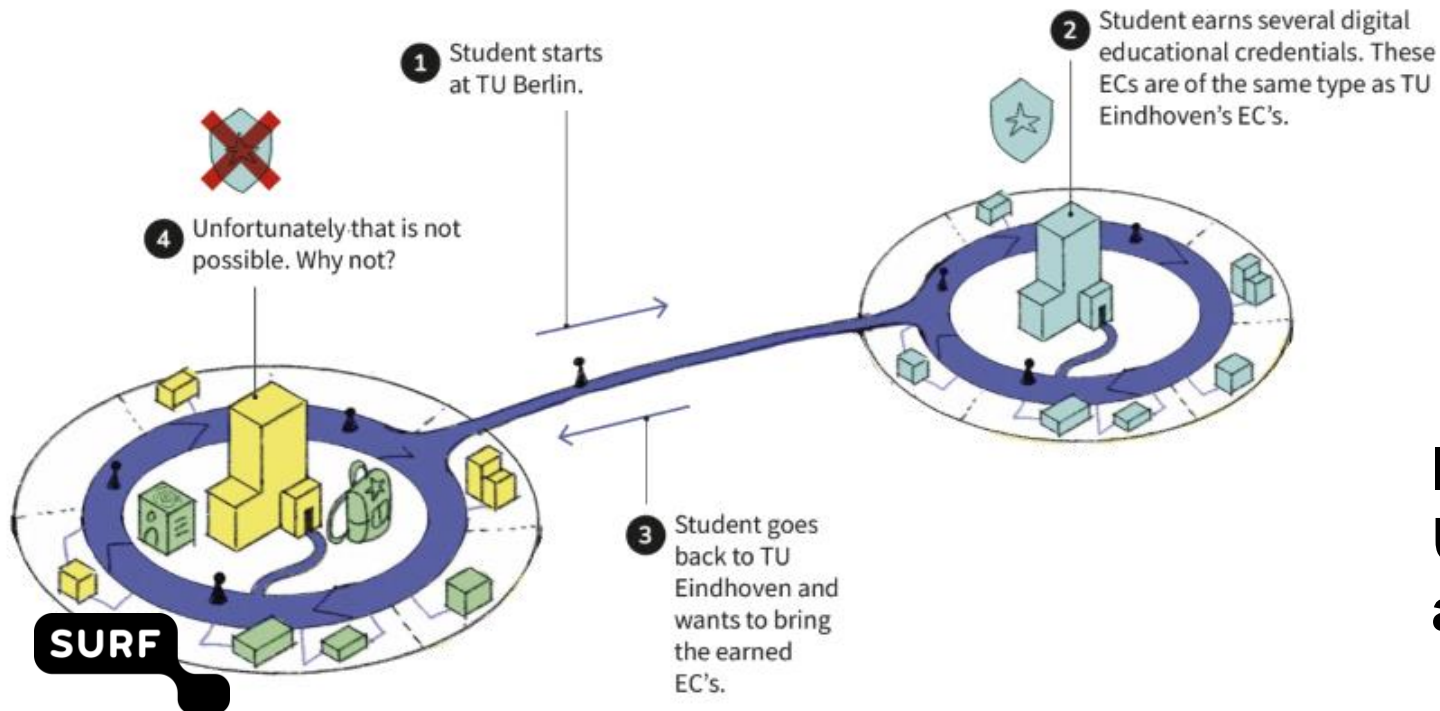


SURF



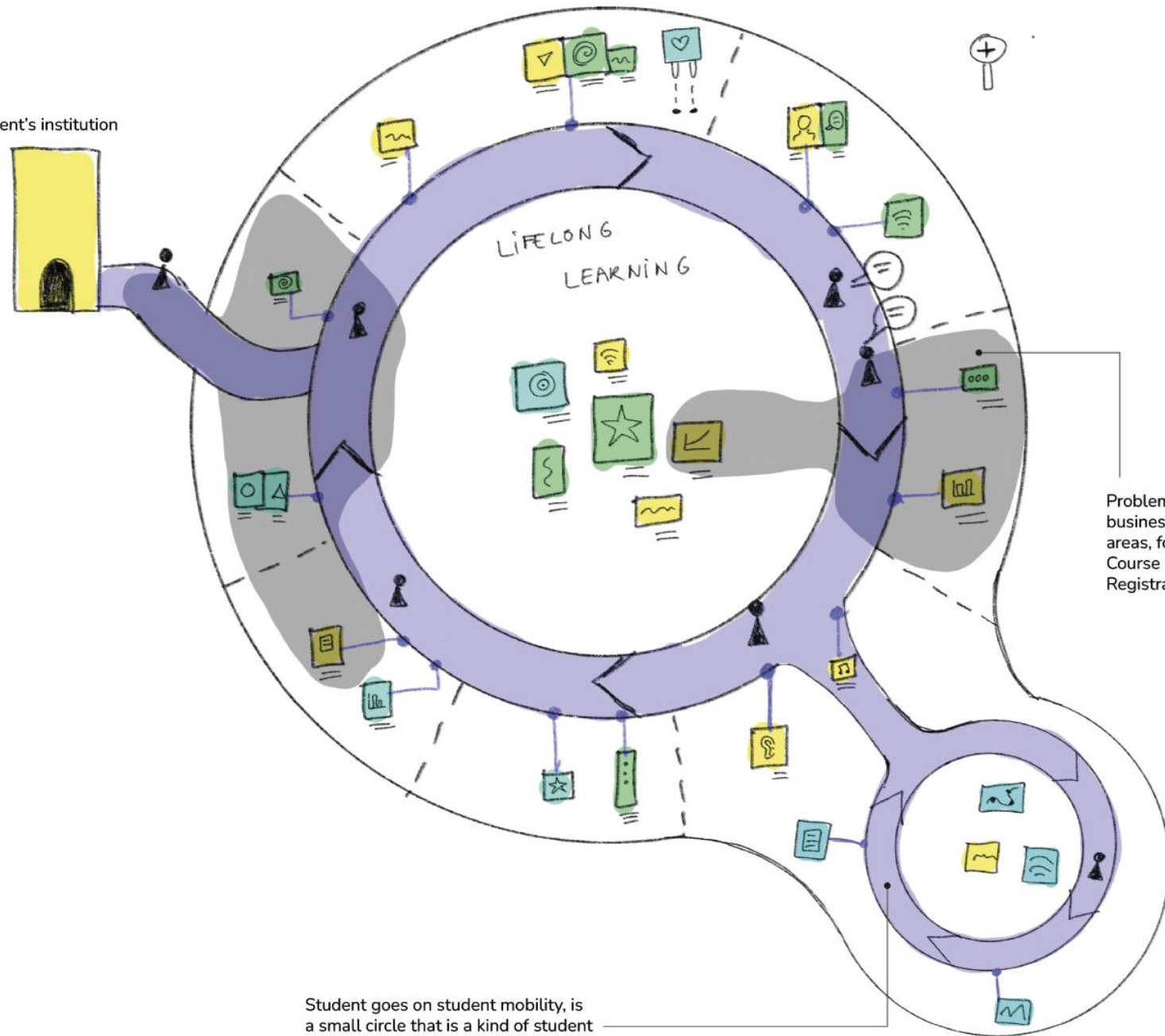
| Start with Why

- Use cases
- Who are we helping
- How are we helping them
- Why are we helping them



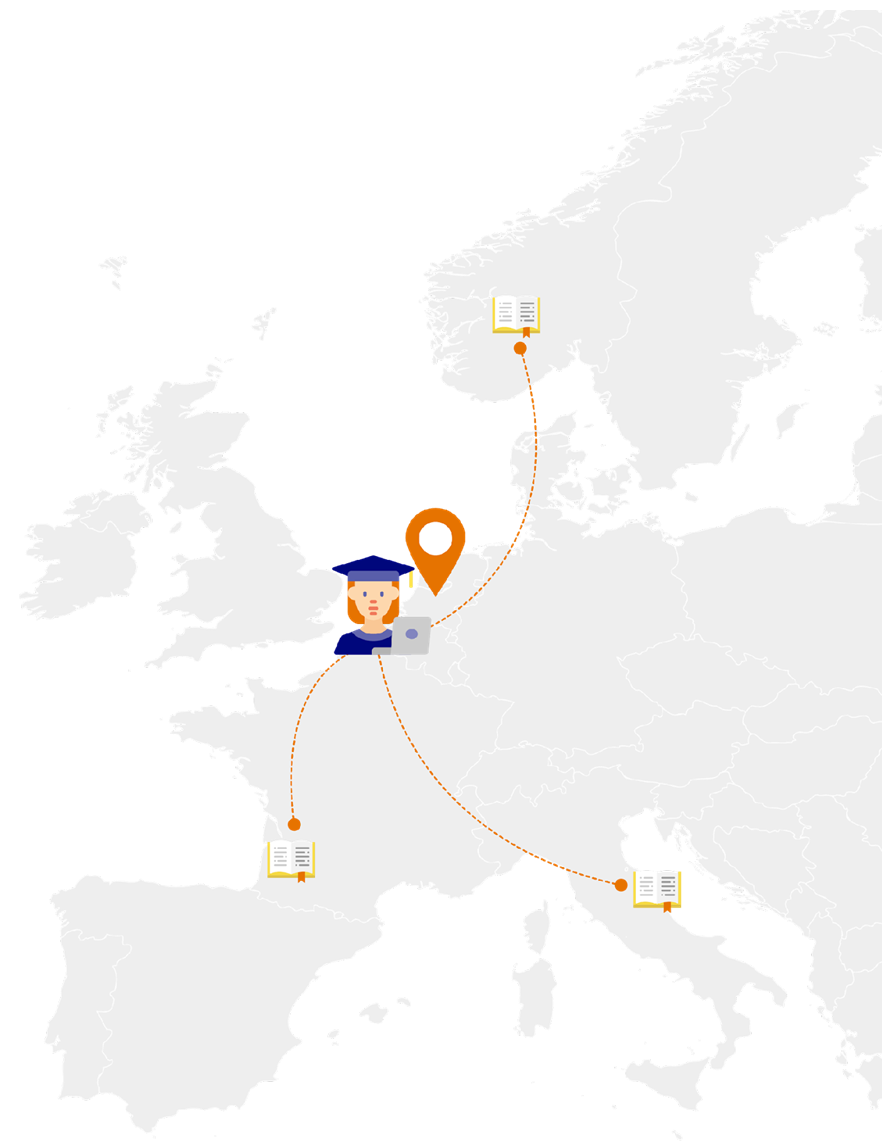
Is innovation in European University Alliances sustainable and worth the effort?

Student's institution

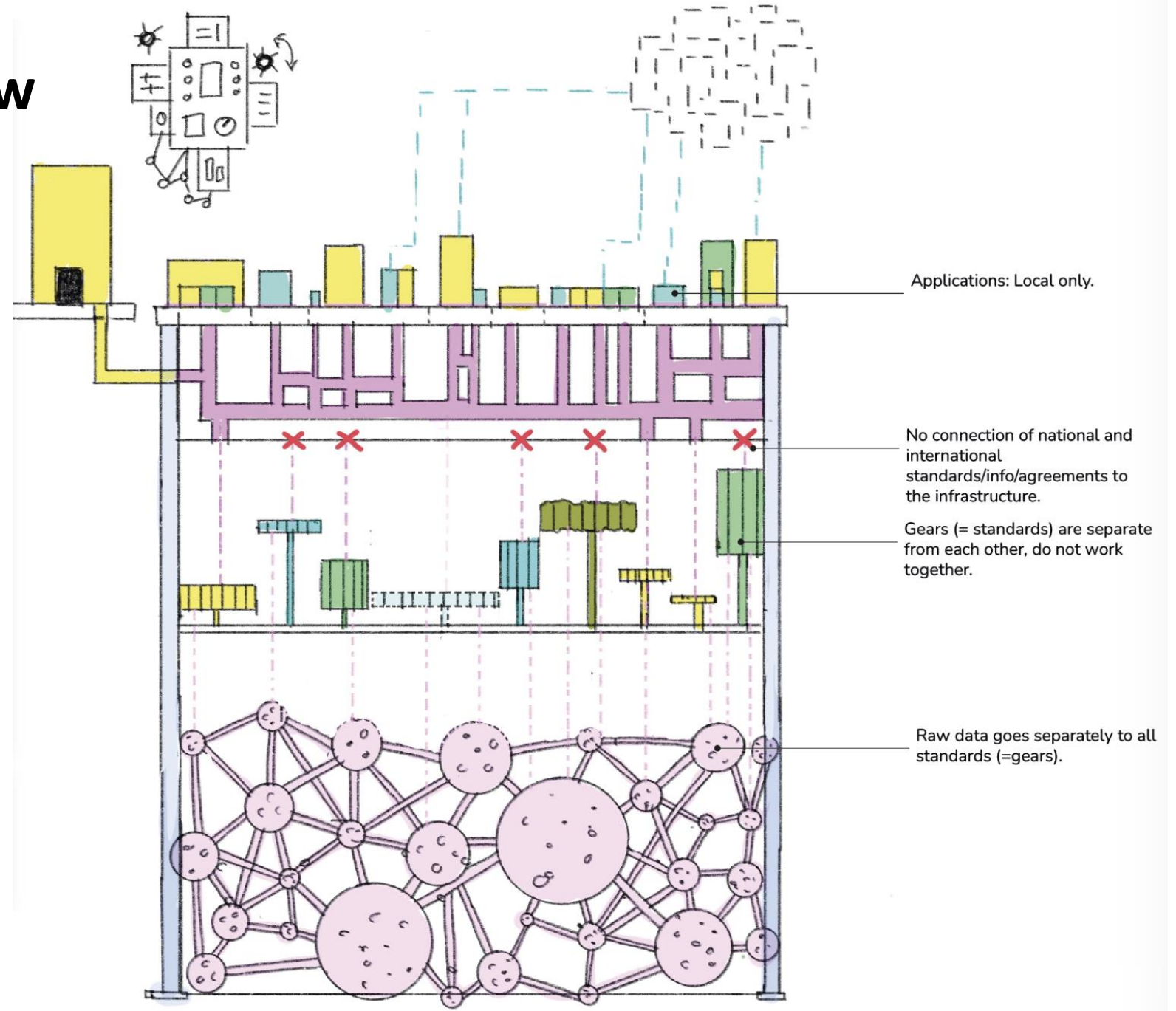
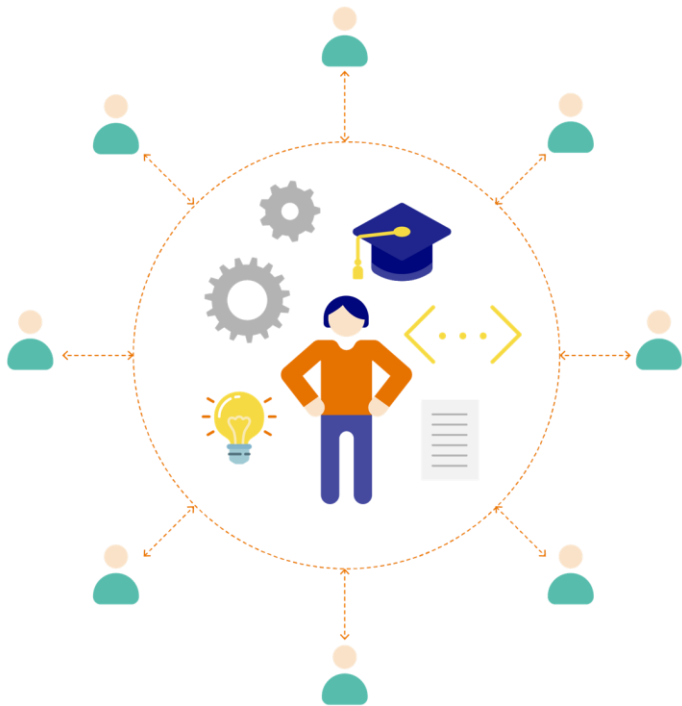


Problem, in one of the business capability areas, for example Course Catalogue, Registration.

Student goes on student mobility, is a small circle that is a kind of student journey but then small. Microcosm.



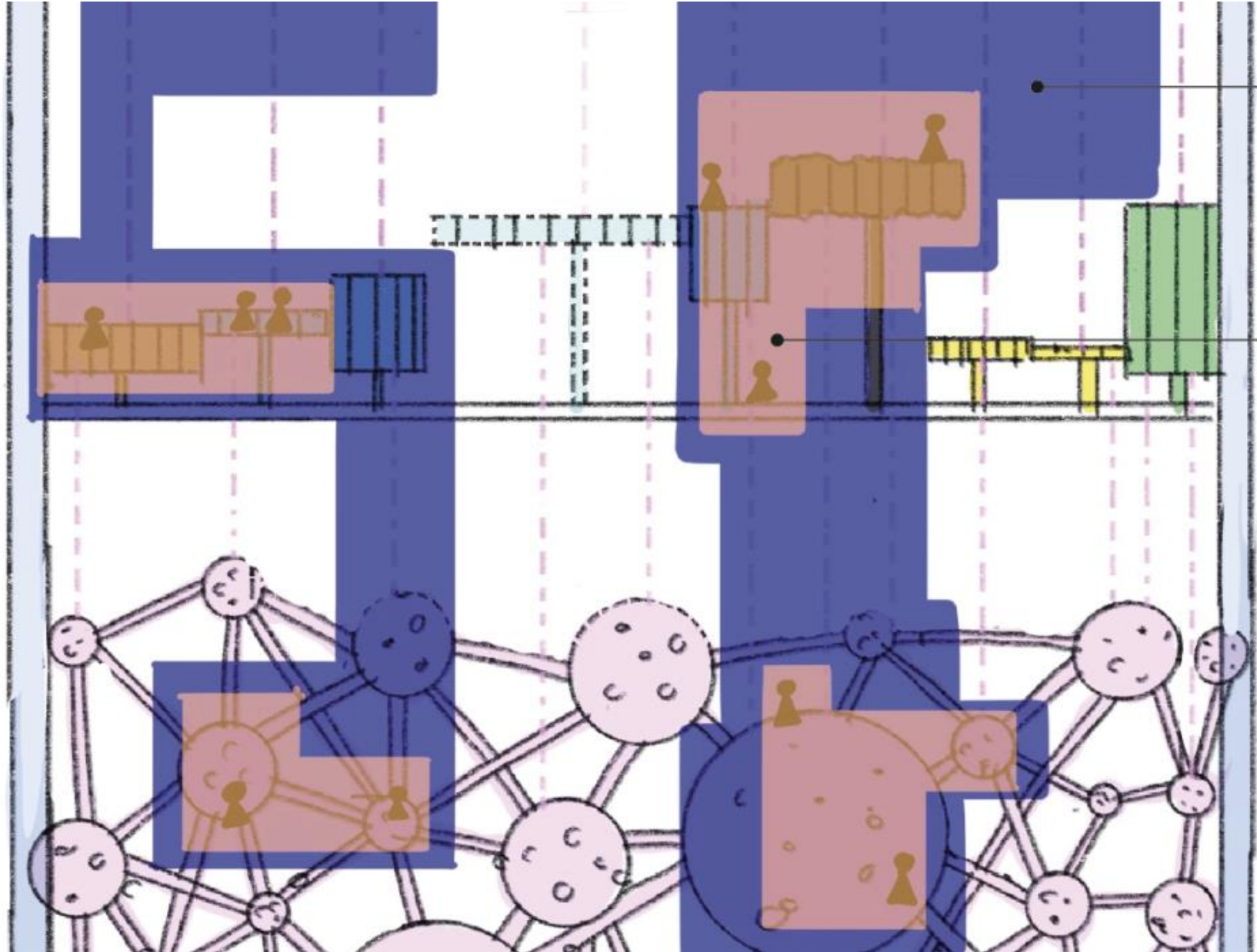
Technical sideview



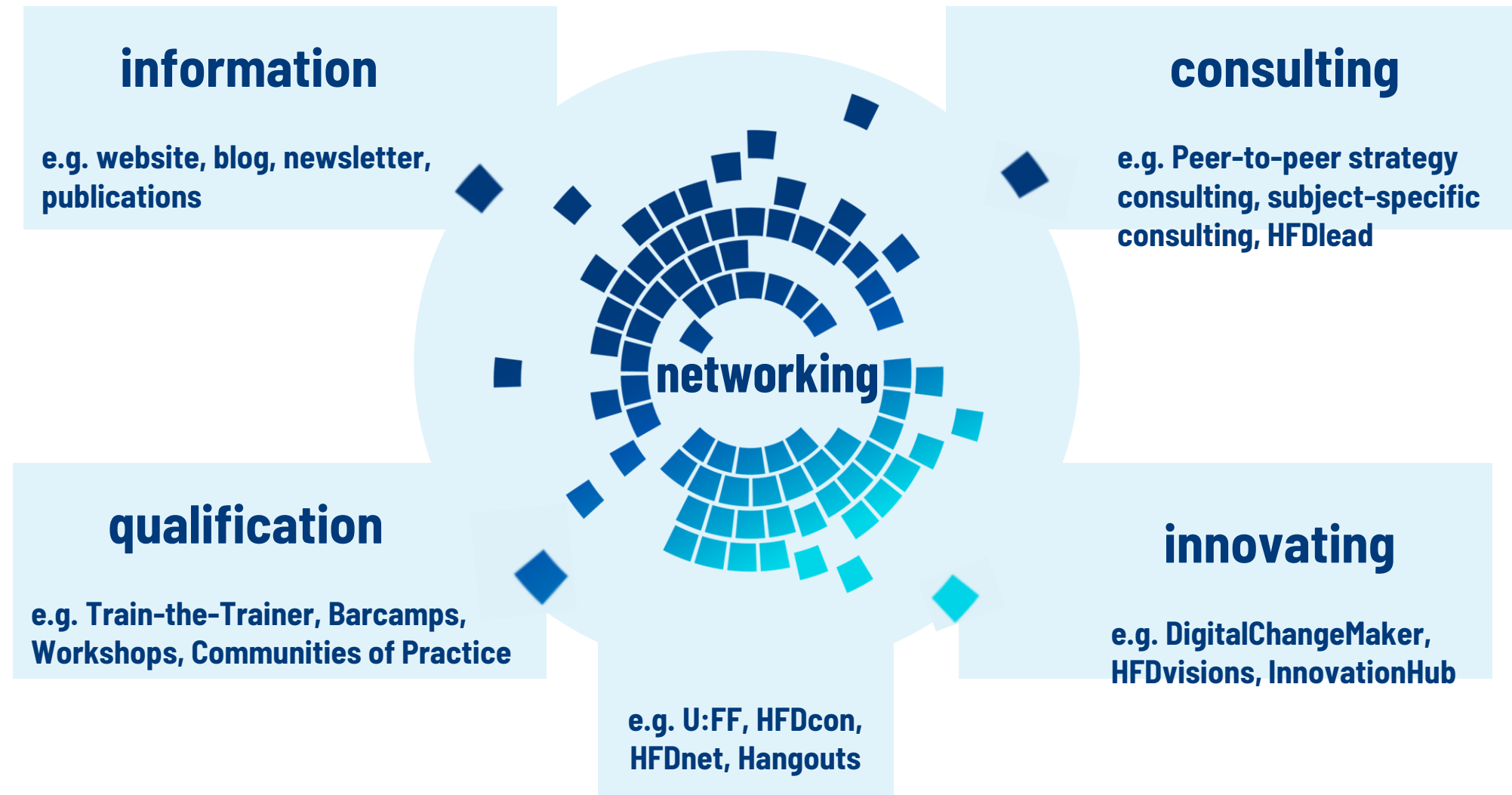
| Waste?

“Innovation processes (in EUAs and elsewhere) normally involve manual bottlenecks. A lot remains as makeshift temporary solution.”

Is innovation in European University Alliances sustainable and worth the effort?



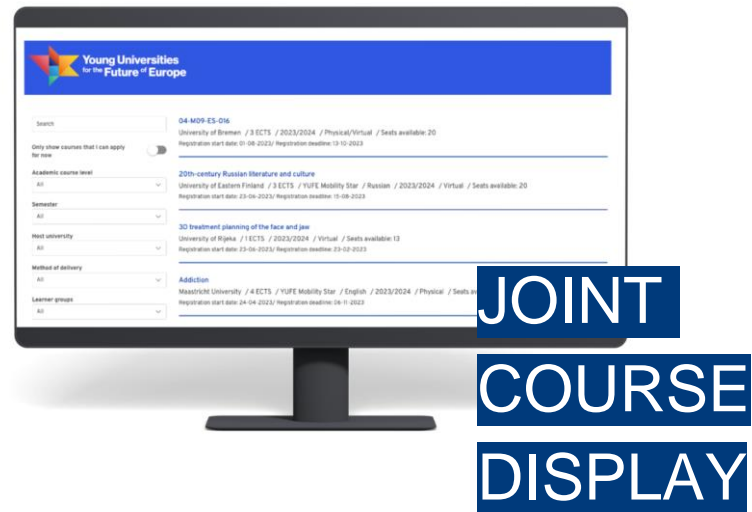
Hochschulforum Digitalisierung (HFD): a nationwide think-and-do thank which brings together a **community** around digitalisation in teaching and learning in higher education, makes developments visible, and tests **innovative approaches** to solutions.



HFD Study “Making Interoperability Work” analysed four use cases



Hochschulforum
Digitalisierung





Cut it!

Too many actors are working on similar digitisation challenges just because (national) funds are available for it. This creates more silos than systemic value. Just cut the funds.

Discuss (one of) these statements
at your table

8-10 min

Evelien's statement:

Is innovation in European University Alliances **sustainable**
and **worth the effort**?

Oliver's statement:

Cut it! Too many actors are working on digitalisation
challenges, but because (national) funds are available. This
creates more silos than systemic value. Just cut the funds.

Wrap-up: some key insights
collected from tables
5 min