Concept of an open e-Learning Cooperative in European Higher Education

Paul Jerchel

BEUTH HOCHSCHULE FÜR TECHNIK BERLIN
University of Applied Sciences
Paul Jerchel

- B.Eng. Mechatronics student
- Research Assistance in Microelectronics and Policy Analysis
- Volunteering in Publishing and Civil Protection
- (Former) Member of various academic self-government bodies
  → Experience of various perspectives on how to learn
Status Quo
Status Quo

- Asymmetric careers and pathways:
  - Internationalization
  - Studying with a child
  - First-generation-students
  - Previous vocational training, part-time studies

- Gap between distance learning and on-campus programmes

- Conflicts between teaching load and research releases
  → Redundancy, where it is not needed; bottlenecks, where they don’t have to be.

- Digitization as option to improve accessibility, exchange, transfer and “Third mission”
Status Quo

- Livelong Learning?
- New Work?
- Grand Challenges?
Concept of an open e-Learning Cooperative in European Higher Education | @JerchelPaul #StrategyCon19 #EdTechCoop
Status Quo
Status Quo
“[…] [There is] an urgent need […] for uniformity in learning management systems. Existing solutions should be made available and developed open source across universities."

“This requires central coordination […] and decentralised differentiation […]. Interfaces between platforms must be guaranteed in order to enable modular solutions.”

With:

“participative implementation process”
Proposal
Proposal

- Large-scale decision making, maximizing budget, combined development
European Cooperative

- Societas Cooperativa Europaea (SCE)

- Examples of Cooperatives in Engineering, Carsharing, Housing (= long-lasting infrastructure)

- Principles
  - One member, one vote.
  - Satisfaction of needs by synergies
    → Sustainability and longevity

- Prerequisites
  - Capital stock $\geq$ 30 000 Euro
  - $\geq$ 2 legal entities of $\geq$ 2 EU member states
European EdTech Cooperative

- Coordinates e-learning efforts of members
- Develops technical solutions through members or external providers
- Releases technical documentation for educational technology
- Optimizes standardization and interoperability
- Additional programmes on IT infrastructure like
  - auditing & recognition (examination systems),
  - room booking & facility management,
  - facilitation and decision-making software,
  - data hubs and publishing portal
  - project hubs
Existing

- Streaming Portals
- Professional Societies
- University Networks
- University Comitees
- Computing Centres
- “Lone Fighters”
Why it might be a good idea

- Exchange of existing technologies
- Executive structure in addition to existing advisory committees or decision-making bodies
- Strengthened negotiating position
- Open Innovation (“Public Code for Public Money”)
- European Integration
- International development aid
Questions / Next Steps
Questions / Next Steps

- Who could do it?
- How can we found it?
- Does it even make sense?
- How would it work?
Who could do it?

- “Coalition of the Willing” (Merger of various universities and educational institutions)
- German comitees of higher ed
- University and edTech networks
- European(+) equivalents
Umbrella Organisations

- “Coalition of the Willing” (Merger of various universities and educational institutions)
- German comitees of higher ed
- University and edTech networks
- European(+) equivalents

Concept of an open e-Learning Cooperative in European Higher Education | @J recherPaul #StrategyCon19 #EdTechCoop
How can we found it?

- International partners
- Blueprint “transfer alliances/Transfer-GmbHs”
- Budgetization (core funding and share amount(s))
How can we found it?

- International partners
- Blueprint “transfer alliances/Transfer-GmbHs”
- Budgetization (core funding and share amount(s))

Does it even make sense?

- Can we compete with market solutions?
  - Yes, the merged budget will rise our position for negotiations. Academic staff and student’s projects offer huge potential for in-house development.
  - No, but why thinking like that? The cooperative lays the foundation for the joint raising of educational standards according to needs. It is an addition to the innovation-driven market.
Questions / Next steps

- Who could do it?
- How can we found it?
- Does it even make sense?
- How would it work? Who is interested?
Questions / Next steps

- Who could do it?
- How can we found it?
- Does it even make sense?
- How would it work? Who is interested?

Thank you for your time!

Get back to me!
paul.jerchel@beuth-hochschule.de
@JerchelPaul
#StrategyCon19
#EdTechCoop
Sources


- All rights to logos belong to the respective organizations.

Get back to me!

paul.jerchel@beuth-hochschule.de

@JerchelPaul
#StrategyCon19
#EdTechCoop