Accelerating Educational Innovation of Dutch Higher Education with ICT

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Prelude
The Cast

- Association of Universities of Applied Sciences (UAS)
  - 36 UoAS
- Association of Universities in the Netherlands
  - 14 Universities
- The collaborative ICT organisation for Dutch education and research (SURF)
- Ministry of Education, Culture and Science
History

• 2017 Study trip to Boston
• Innovation needs a boost
• Join forces
• November 2017: launch of Innovation Agenda
From Agenda → Plan

• May 2018: Launch Innovation Plan
• 8 Zones
• Per zone a team
  – Members from Dutch HE Institutions
  – Team Captain
  – Connector
• Program runs 1-1-2019 to 1-1-2023
Three shared ambitions

- Better connection to the job market
- Making education more flexible
- Learn smarter and better by using technology
SUPPORT TEAM

- Facilitating Professional Development for Lecturers
- Better Connection to the Job Market
- Heading Towards Acceleration Together
- Collaboration with EdTech
- Making Education More Flexible
- Evidence-Based Educational Innovation with ICT
- Secure and Reliable Use of Learning Data
- A Transition to Digital (Open) Teaching Aids and Materials
How to accomplish acceleration?

• Collaborate on shared ambitions on innovation
  – Connect to institutional innovation activities
  – Use program to boost institutional innovation activities

• Financial support
  – €1.6M per year
  – Investments (in kind) from HE institutions
Towards (open) digital learning materials
Disclaimer: work in progress
The team
Ambition

• Goal: in 2023, Dutch institutions for HE are able to offer those involved in learning and educational processes the opportunity to determine and use an optimal mix of learning resources

• “Optimal” is context-dependent
Vision on education

Determines/is determined by

Learning resources

Supports

Infrastructure

Conditional
Activities around (open) learning materials
Principles to strive for

• Affordability (for the student)
• Accessibility
• Integration/connectivity
• FAIR principles (Findable, Accessible, Interoperable, Reusable)
• Quality
• Open Access
• Collaboration
Roadmap (first version)
Activities for 2019

• Create insight into the aspects instructors, learners and support staff (IT, educational specialists, librarians and policy makers) use to determine an optimal context-specific mix of learning materials
• Create an inventory of available repositories, search engines and community platforms for sharing and reuse of learning materials
• Develop a search engine for finding shared learning materials in a specific (not necessarily open) context
• Collect and disseminate good practices about the mutual influences of educational vision and open learning materials
Acceleration plan for educational innovation with ICT

The Netherlands Association of Universities, the Netherlands Association of Universities of Applied Sciences and SURF jointly present a four-year acceleration plan for educational innovation with ICT.

Within the individual institutions and in collaboration with other research universities and universities of applied sciences, this plan offers the scope for making substantial gains in the area of digitalisation.

Opportunities for higher education

Digitalisation offers a great deal of opportunity for higher education in the Netherlands. It can contribute to the quality of education and strengthens the international position of higher education. The Acceleration Plan is based on 3 shared ambitions:

1. Better connection to the job market
2. Making education more flexible
3. Learn smarter and better by using technology

More information:
Thank You

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Colophon
References

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