

Innovative Universities

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Question

- How can a university support the development of a knowledge dependent economy?
- How can we best teach/foster learning and support our students to meet the future demand for innovation in a world of knowledge intensive production and services?

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Answer

- Universities are to be innovative themselves
- Universities are to create an innovative framework

Innovative Management

1. Challenges
2. Framework conditions
3. Will we succeed?

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Challenges

- Mega trends
- The university's position

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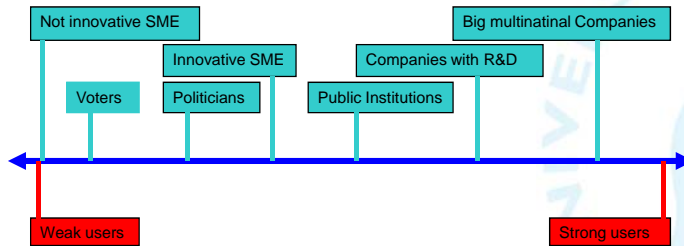
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Challenges - Target Groups

<ul style="list-style-type: none"> Students PhD's Entrepreneurs Researchers Alumni Companies VC BAN Private organisations International partners 	<ul style="list-style-type: none"> University college (CVU) Upper secondary school students Upper secondary school teacher Elementary school students Public authorities The general public
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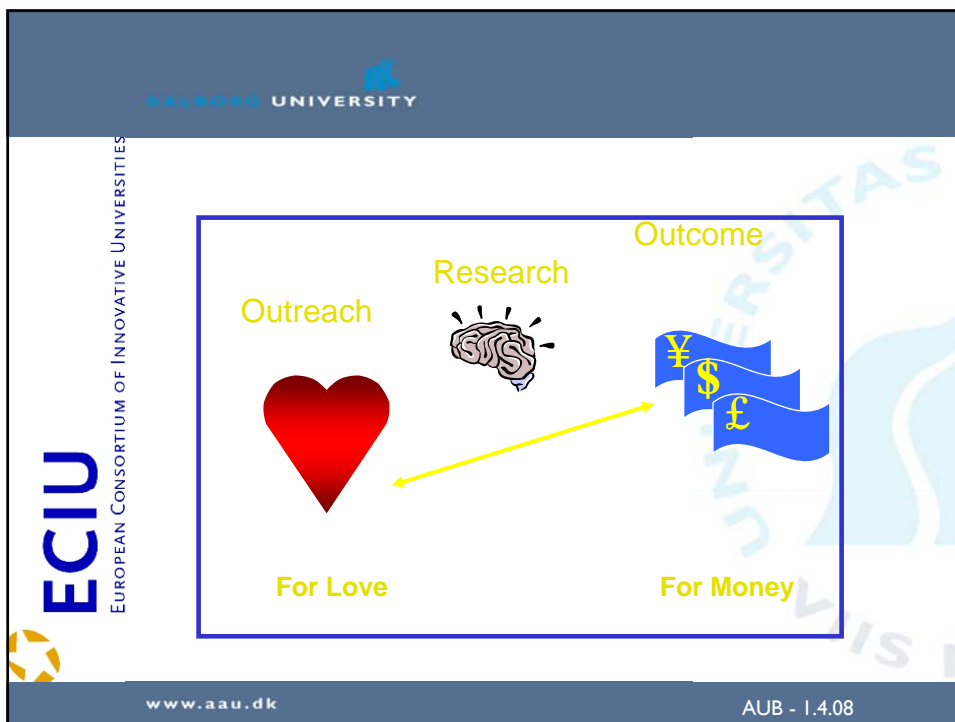
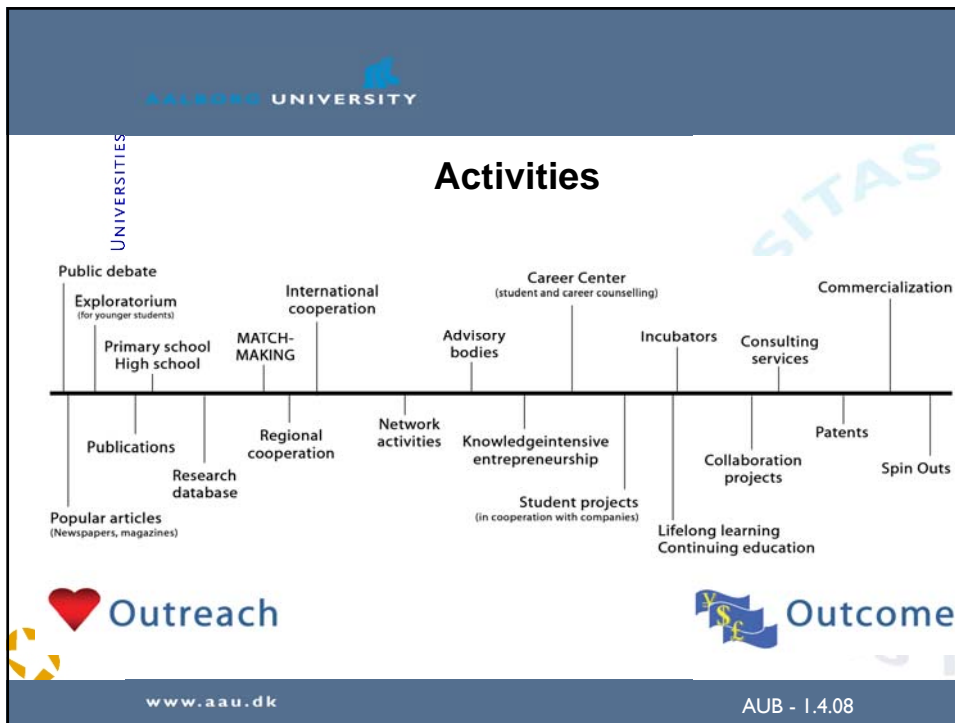
Challenges - Target Groups

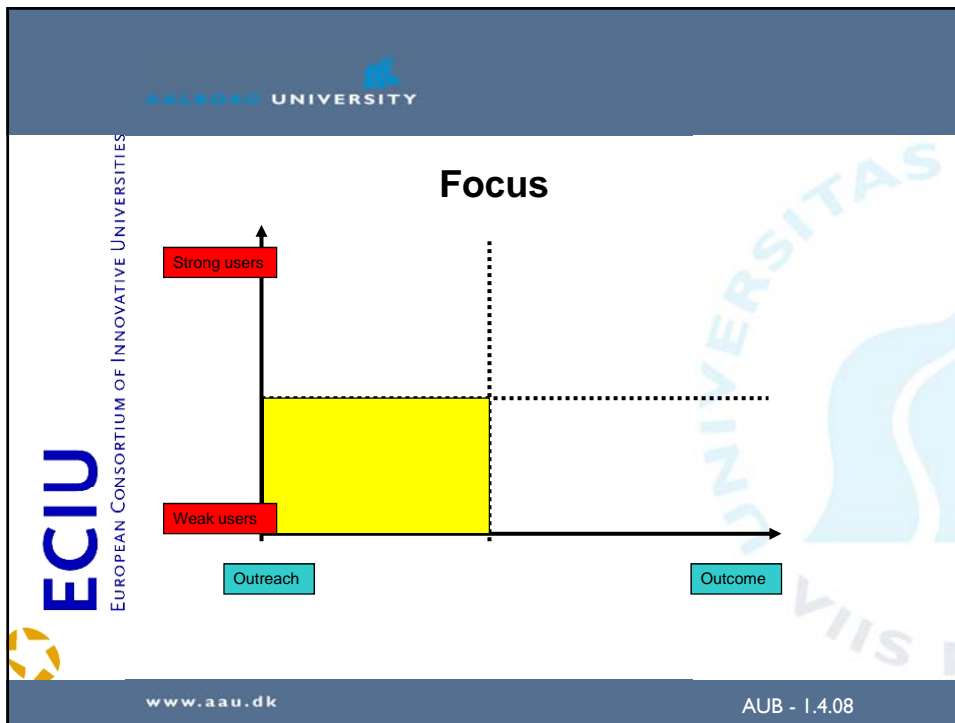


Challenges - Activities

- Strategic co-operation
- Co-operative agreements
- Spin-out
- Incubator
- IPR generally
- Licenses
- Consultancy
- Network
- Student projects
- Mentoring
- Research centres

- Dialogue on industry requirements
- CPD programs
- International co-operation
- National co-operation
- Regional co-operation
- AAU-experts (VBN)
- Science shop
- Science festival (DNF)
- Universitarium
- Public Information
- Contribution to public debate





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Innovative Management

Examples of innovative managerial framework conditions

- Organizing
- PBL
- Knowledge exchange
 - latest plans
- Will we succeed?

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Organization as Framework

- Demand-driven (activity budgeting)
- Learning organisation
- Possibility and motivation to create own research environment
- Regional, national and global innovation systems
- Supporting the personal commitment
 - Incentive systems
 - Egalitarian and elitist

PBL as Framework

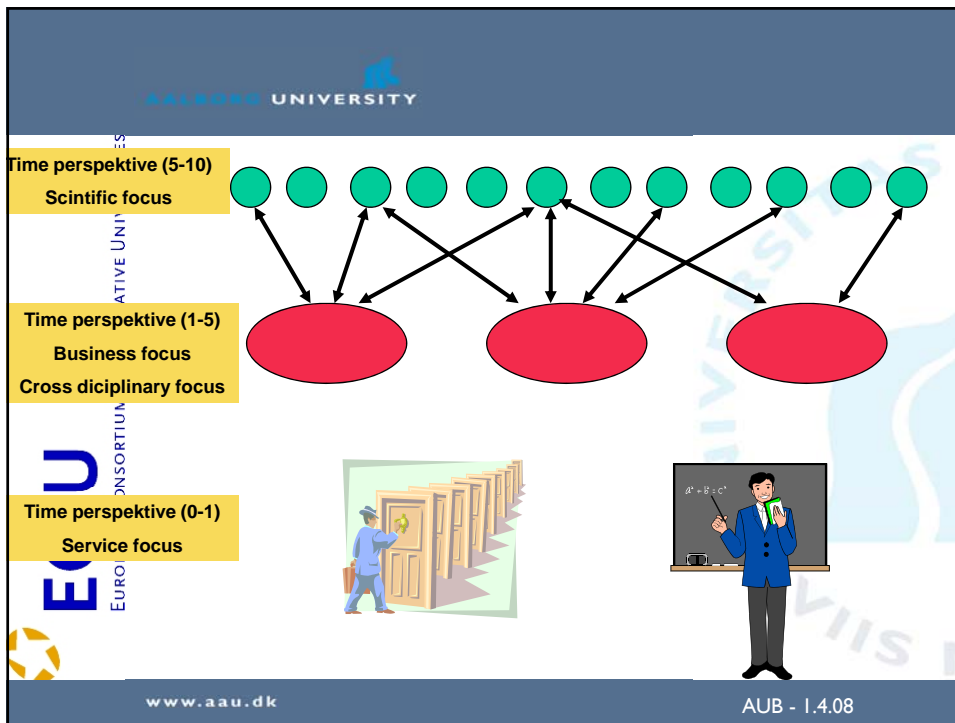
- 1st semester - transformation from education to learning
- From reproduction to understanding
- Challenging curiosity and creativity
- Analyzing and solving major and complex problems
- Open laboratories - confidence
- Real life problems – interdisciplinarity
- Co-operation and planning
- Students demand courses and supervision in new areas

Knowledge Exchange (KE) as Framework

- Open innovation systems
- Utilization of interdisciplinary possibilities
- Entre- and intrapreneurship
- Decentralized entrepreneurial culture
- Protected and not protected
- Technology-driven – business-driven

Knowledge Exchange as Framework

- Latest plans
 - Internal Matchmakers
 - External Matchmakers
 - Matchpoints
 - Incubators
 - Problem based centres
 - Interaction with the surroundings (The Region)



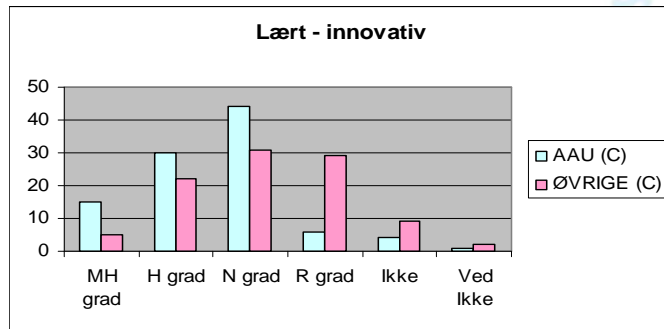
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Will we Succeed?

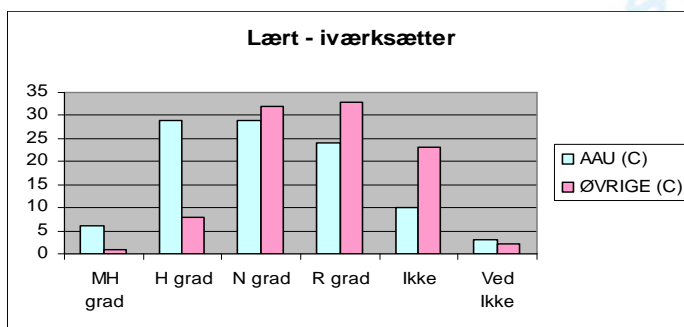
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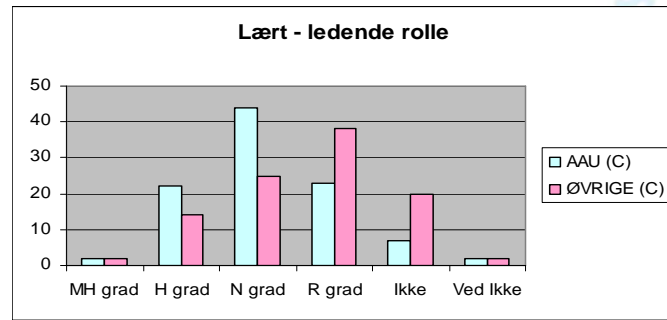
Ability of Innovative Thinking



Entrepreneurship Ability



Ability of Managing



Why did we Succeed?

PBL

Teachers / Researchers

- Committed teachers / Educational competencies
- Interdisciplinary competences
- Combination of theory and practice

Information and innovation

- Where do I find the information when I can't ask the question?
- Where do I find information about my invention?
- But...

Thank You for Your Attention

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