



DOING INNOVATION PROJECT STUDIES INTERNATIONALLY

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Main points for successful innovation studies

- exercises and communication
- theory
- examples

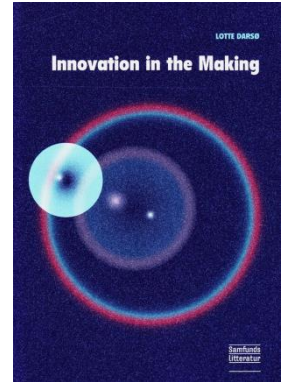


1. MULTIDISCIPLINARY TEAMS

http://www.youtube.com/watch?v=y_m9nReouVY



Tasks in innovative team (Darsø, Lotte 2001 Innovation in the making)

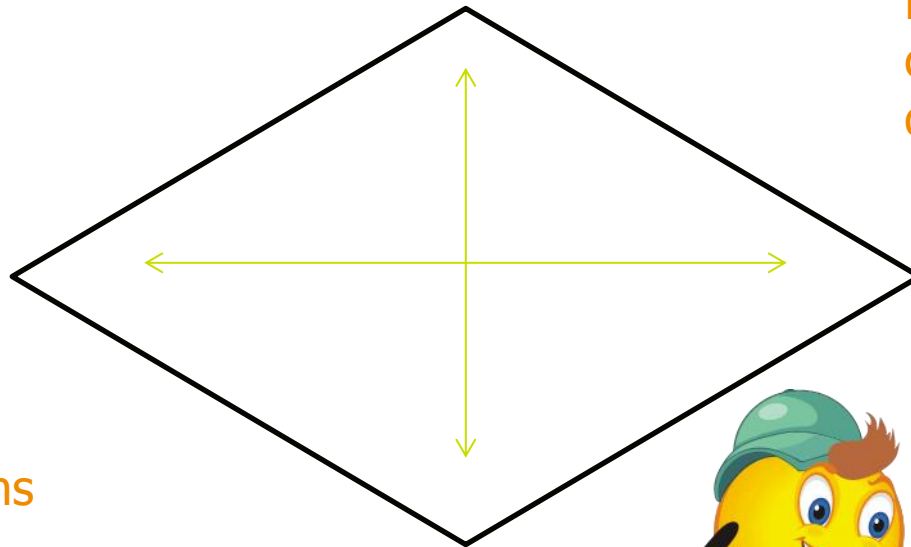


Ignorance –
divergent questions

Concepts -
framing



Knowledge –
convergent
questions



Relations –
wellbeing and
energy level



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- Partners:
 - Meropolia University of Applied Sciences, Helsinki, Finland
 - Metropolitan University College, Köpenhagen, Denmark
 - Seton Hall University, New Jersey, USA
 - MGH Institute of Health Professions, Boston USA
- 3 cohorts = 76 students (and 30 more in 2014!)
- OT, PT, Social services, SLP, and PA students



Helsinki 2011



South Orange 2012



Copenhagen



2. FUTURE COMPETENCIES



Future Competencies?

(By Oivallus-report 2011)

- work in a **new** way to achieve **new** or improved solutions.
- promoting creativity
- experimenting with others
- working in groups
- learning based on problems and phenomena
- Learning expands from schools to the society



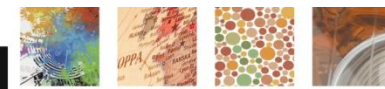
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Means of Student Responses for Each Theme

| | 2011 | | 2012 | | 2013 | |
|-----------------------|--------|-------|--------|-------|--------|-------|
| | Before | After | Before | After | Before | After |
| Motivation | 77.00 | 65.00 | 75.45 | 87.70 | 78.46 | 82.31 |
| Collaboration | 73.35 | 78.45 | 70.45 | 85.90 | 76.15 | 85.00 |
| Project Management | 57.8 | 77.6 | 59.09 | 80.90 | 66.15 | 76.92 |
| Multidisciplinary | 66.45 | 78.45 | 67.27 | 86.36 | 65.38 | 80.77 |
| Professional Growth | 65.05 | 79.8 | 64.76 | 84.28 | 68.08 | 83.08 |
| Innovative Thinking | 44.9 | 76.8 | 49.09 | 80.00 | 64.62 | 80.77 |
| R & D | 64.4 | 72.4 | 65.00 | 76.36 | 65.20 | 76.00 |
| International Project | 82.95 | 84.8 | 80.00 | 94.09 | 81.15 | 88.46 |
| Information Seeking | 65.3 | 75.8 | 62.27 | 71.42 | 61.54 | 73.08 |

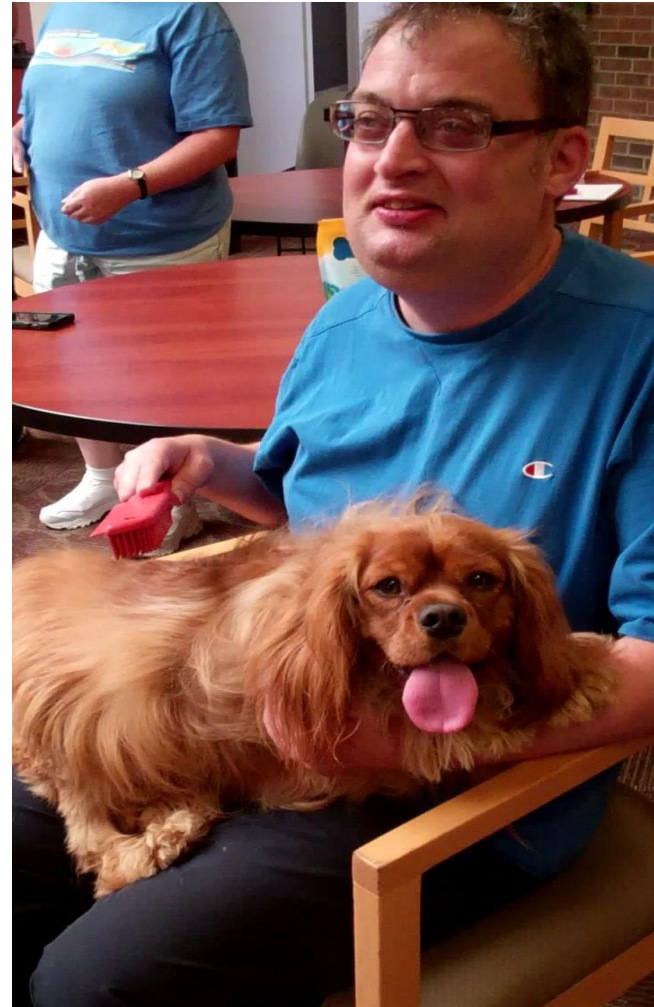


3. CHALLENGE FROM REAL LIFE



User-driven development

- What we should or could do?
<http://blogs.helsinki.fi/helsinkithinkcompany/2014/02/28/four-tips-to-get-you-inspired/>
- Working life partner have time and interest to the project.
- Students can work with the clients and users not only with the workers.
- Question is open enough



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- Working life partners:
 - Video



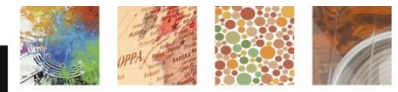
Helsinki:
A Chance for the Child



South Orange:
Jespy House



Copenhagen:
Sundholm Shelter
Grounds



4. INNOVATION AND INNOVATIVENESS





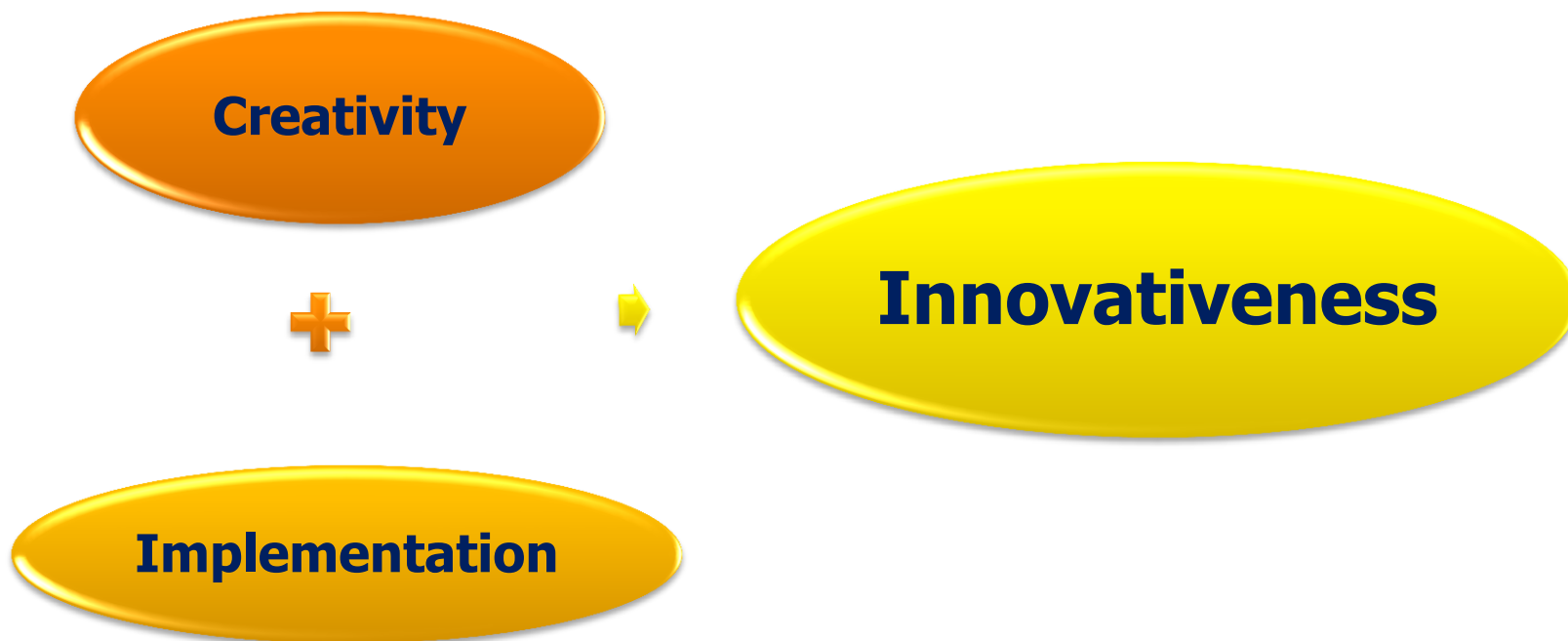
WHAT IS INNOVATION?

- **Innovation** is the application of **better or totally new solutions** that meet new requirements, unarticulated needs, or existing market needs.
- More effective **products, process, services or technologies**
- Solutions **are available and valuable to** markets, government or society

<http://www.managing-innovation.com/>

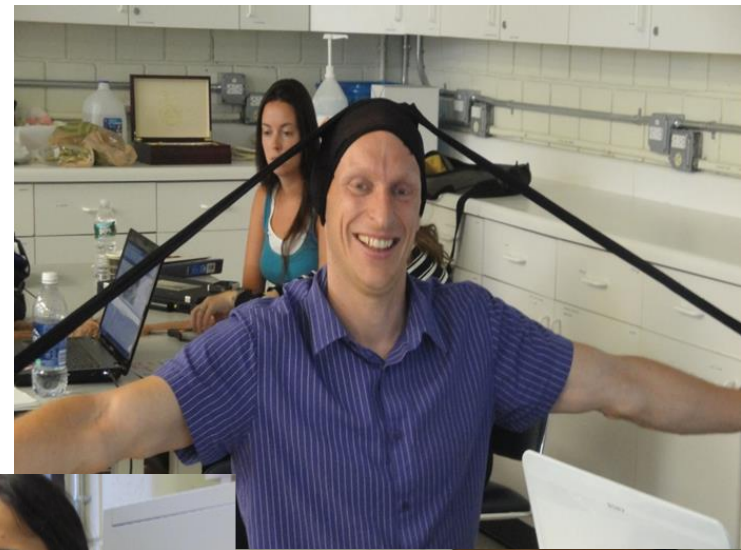


INNOVATIVENESS

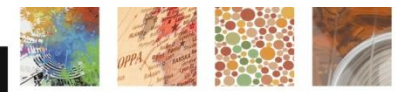


IIP: Open innovation attitude

- How to find new ideas to solve the problem?
 - Idea generation
 - Innovative methods



5. STRUCTURE AND MENTORING



INNOVATION PROCESS (10 ECTS, 5-6 weeks)



See more: "Eample: Using Innovation in Community Healtcare, Innostu ja innovoi, p.169-177
http://www.metropolia.fi/fileadmin/user_upload/Julkaisutoiminta/Julkaisusarjat/OIVA/Innostu_ja_innovoi.pdf

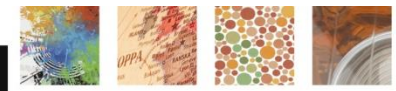


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PROJECT MANAGEMENT TOOLS

- Summary of innovative outcome
- Introduction, needs, background
- Stakeholder analysis
- Project goals
- Results, deliverables
- Strategy and process plan (How is it done?)
- Schedule
- Resources, human, & all other
- Budget
- Communication and organization plan
- Risk management
- Reporting and follow up

Teacher´s role as a mentor and organizer



Main points for successful innovation studies

1. Multidisciplinary and multiprofessional teams
2. Focus on future competence
3. Real challenge, working life partner, clients
(user-driven development)
4. Innovative way of doing, open innovation
5. Structure and mentoring



THANKS – QUESTIONS?

INNOSTU JA INNOVOI

One article in English p.
169-177

- http://www.metropolia.fi/fileadmin/user_upload/Julkaisuotoiminta/Julkaisusarjat/OIVA/Innostu_ja_innovoi.pdf

