



HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

Implementation, Scaling Up, and Sustainability London July 6-7

**What is the value-added of
programmes over a series of projects?**

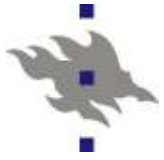
**Life as Learning
The Programme Director
Hannele Niemi
Vice-Rector, University of Helsinki**



Agenda

- **A national research programme *Life as Learning***
- **Additional value – how to add value?**
- **Next steps: FINNSIGHT 2015 and**
- **CICERO Learning – a multidisciplinary network**





Life as Learning (LEARN)

A National Research Programme,
funded by the
Academy of Finland,
2002-2006, EUR 5.1 Million
21 projects

Co-funders: Tekes, National Board of Education,
Ministry of Education,
The Finnish Work Environment Fund,
University of Helsinki
Culminatum, City of Helsinki





Coordination of LEARN

University of Helsinki, Department of Education

- Scientific Director of the programme:
Professor Hannele Niemi
- Coordinator of the programme:
MA Raija Latva-Karjanmaa

www.aka.fi/learn/



The aims of the LEARN programme



- encourage the development of a new research culture and new research partnerships and the creation of interdisciplinary
- find a way of managing the challenges of lifelong and lifewide learning in order to avoid new forms of exclusion
- create a solid interdisciplinary research base for developing teaching and learning
- anticipate future learning needs from the point of view of society, culture and the individual





The themes of the call



To redefine and to examine

- the concept of learning
- the social and cultural contexts of learning
- the knowledge creation
- working environments
- new teachership

Major projects of the programme



■ Teachers and students in educational institutions

- Life-long learning, motivation and self-regulation,
- Mentoring, crossing over exclusion

■ Crossboundary contexts – school and work

- Ecology of collaboration
- Future knowledge construction – Mobile tech
- Problem-based learning

■ Changing structures – new demands of work

- Learning processes in work communities
- E-learning and business
- Intercultural competency

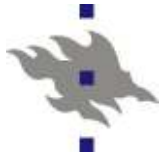
■ Learning in societal structures

- Learning generations
- Societal choices to promote life-wide-learning



The provision of the projects in the program

Projects	LEARNERS/ Subjects	Main research methods	Learning context -work, -school	Main focus of research	Stakeholders -public authorities -business /industry
<p>Different theoretical frameworks</p> <p>Learning as situational and collaborative process</p>	<p>Different age levels</p> <p>Multi-professional teams</p>	<p>Action research</p> <p>Case studies</p> <p>Some quantitative or statistical data</p>	<p>Work settings</p> <p>Schools</p> <p>HE</p> <p>ICT/ Virtual environments</p>	<p>New demands of work</p> <p>Management of individual and collaborative processes</p>	<p>Education institutions</p> <p>Local Authorities</p> <p>Public and private companies</p>



Strengths of the LEARN Program

- Crossboundary co-operation between institutional and non-institutional learning environments
- The multidisciplinary approaches: education, psychology, sociology, technology and engineering, neurology, economics
- Joint projects between universities
- Creating new tools: basic research have components how to manage changing contexts or to change practices



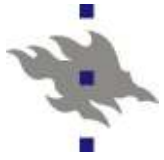


Strengths, continuing...



- A large variety of contexts of human learning in working life, educational institutions, non-formal learning settings, virtual learning environments
- Learning approached at individual and collaborative levels
- The research methods aim understanding of learning processes
- The projects cover different age levels and transition period periods of human life





Possible Limitations



- A very small number of projects have:
 - Connections between learning outcomes and processes
 - Connections between individual processes and societal structures
 - Conceptual and philosophical analysis
 - Value analysis





The additional value of the program

- Joint seminars to share information and experiences from the projects
- Joint scientific articles and other publications to practitioners
- Researcher training and writing workshops
- News letter LEARN Periodical (in Finnish and in English) to all Finnish schools and different groups of stakeholders
- Several Joint public seminars with national stakeholders and practitioners
- Visibility on media: newspapers, TV series on learning
- International cooperation:
 - INTERLEARN 2003 and 2005
 - Cooperation with other national programme
 - TLRP
 - Sweden, Norway, The Netherlands





How to add an additional value of the program

- More emphasis on dissemination in the call
- More resources for dissemination after the program
 - How to make major findings to public awareness
 - How to inform stakeholders after the funding period
- More resources for joint activities during the program
 - Coordination resources covered only the salaries of a part-time director, a full-time coordinator and a part-time technical secretary
 - The projects did not have resources for joint activities, the coordination group must seek external funding for seminars, workshops, co-operation with stakeholders



Next steps after the program

- FINNSIGHT 2015 – a proactive national program for innovation and competence
- Published in June 2006
- A joint program of major funding agencies (Academy of Finland and National Technology Agency TEKES)
- Based on the work of 10 expert panels





FINNSIGHT 2015

1. Learning and to renew society through learning
2. Services and innovations in services
3. Welfare and health
4. Environment and energy
5. Infrastructures and security
6. Bio-competence and bio-society
7. Information and communication
8. Understanding and human interaction
9. Materials
10. Global business





Learning and quality of life

**EDUCATION
AND
TRAINING**

WELL-BEING





Learning and quality of life





Learning and quality of life





Learning and quality of life





Cross-disciplinary research on learning and teaching

- There is an urgent need to discover how to facilitate the learning of various different learner groups and to help organisations create fruitful environments for innovations and competence building





FINNSIGHT 2015

**Learning and
to renew society
through learning**



FINNSIGHT 2015

**Learning and
to renew society
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**Technology based
environments,
management of mobile
and expansive work**



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Social basis of
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FINNSIGHT 2015

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**Technology based
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**Practices of
life long learning,
Educational systems
and non-formal learning**

**Supporting learning
through
Human based
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**Neurological,
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FINNSIGTH 2015

**Citizenship
competence,
Life management,
Social innovations**

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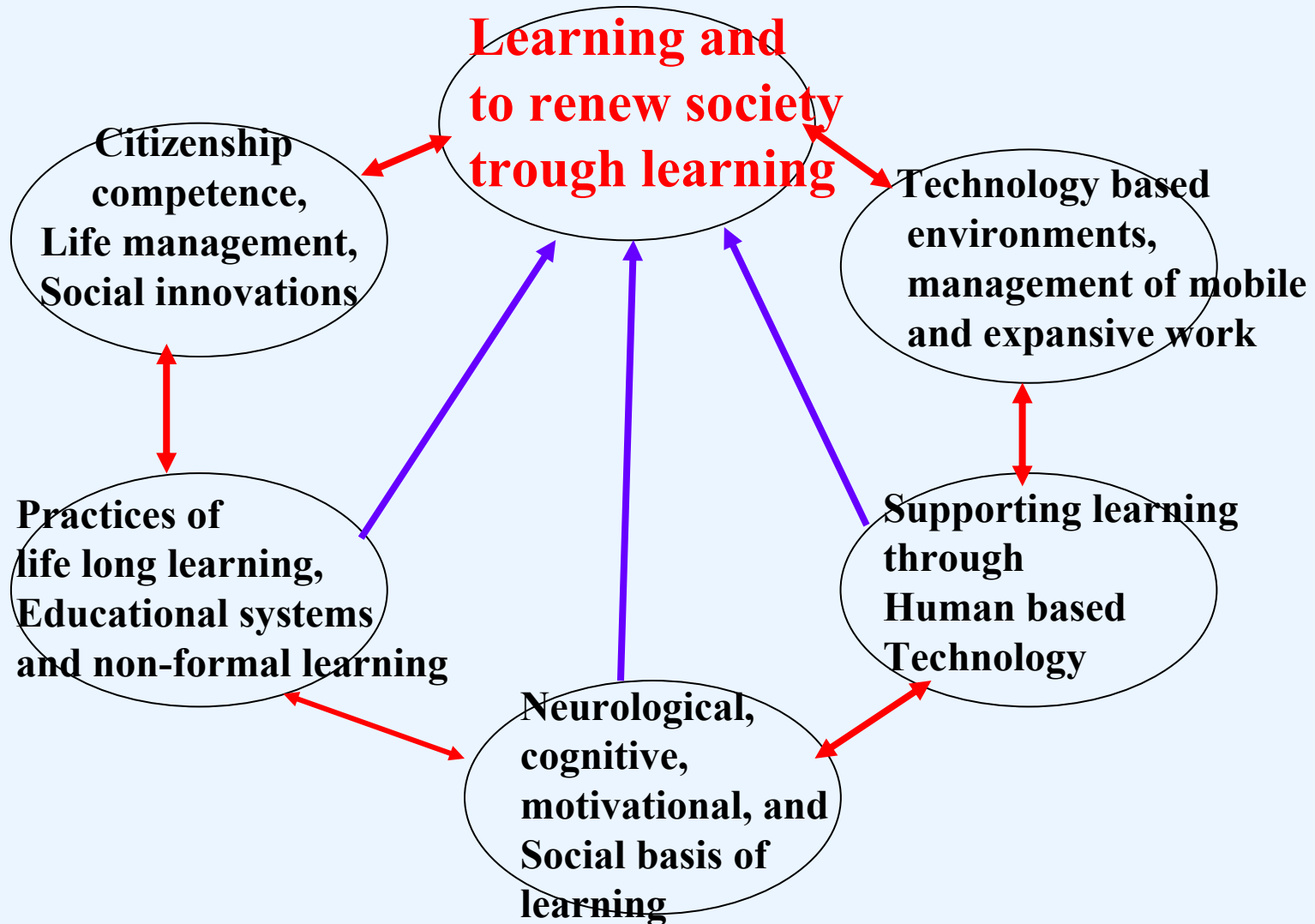
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Learning in Organisations

- Processes of knowledge production
- Networks and partnerships

Individuals' Learning

- Biological basis
- Brains and mind
- Psychology

Technology



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**Multidisciplinary research
on learning**



CICERO Learning

Learning in Organisations

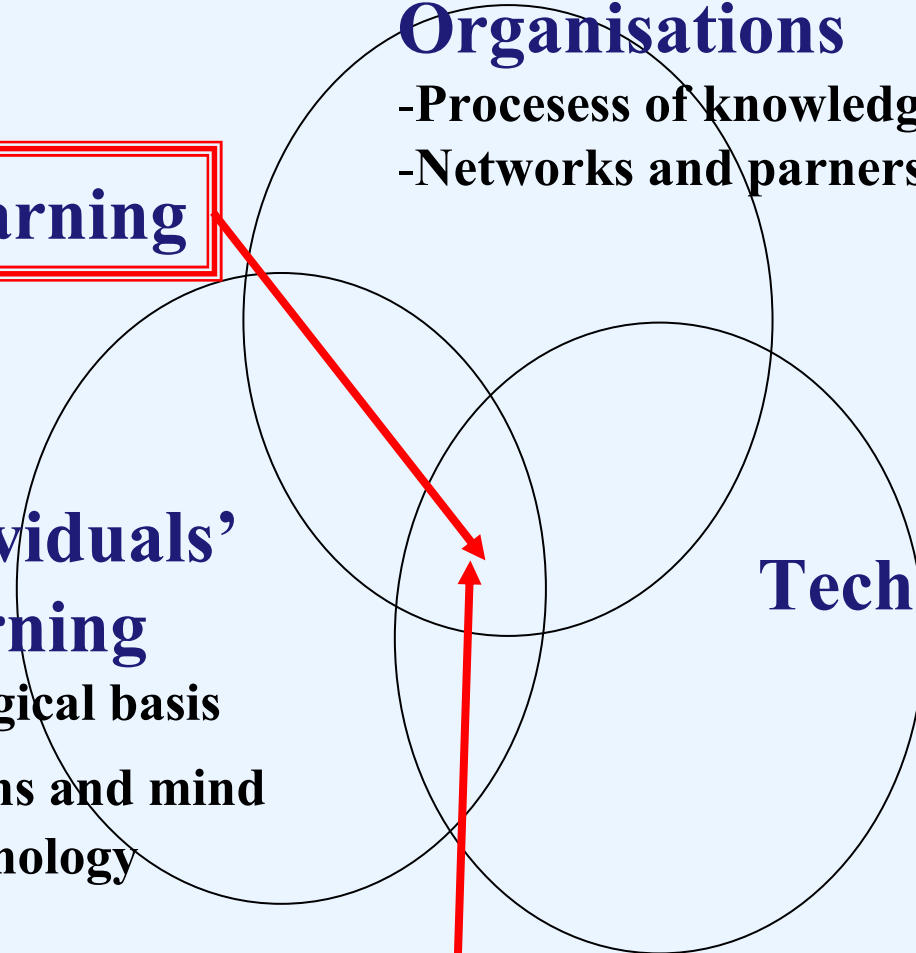
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Multidisciplinary research on learning





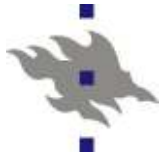
CICERO Learning - Growing from LEARN program

- **C**ross-disciplinary
- **I**nitiative for
- **C**ollaborative
- **E**fforts of
- **R**esearch
- **O**n **L**earning

- CICERO Learning (CL) is a network of high-level research groups from the research-intensive universities in Finland.
- It was established in 2005, co-ordinated by the University of Helsinki.

WHY CICERO?

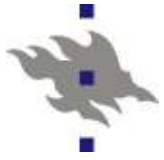
- **To make innovations in learning.**
- **To promote Finnish society to be a leader in learning and teaching and to excel in learning outcomes.**
- **To keep Finland among the leading countries in innovations and industrial development.**
- **To add the national and global understanding of the conditions of learning**
 - **in societies**
 - **in working life**
 - **in educational institutions**
 - **at the individual level.**



CICERO Learning - CL

- CL invites the acknowledged researchers in Europe and globally to join the research co-operation.
- The aim is cutting edge research on learning.
- CL aims at academic innovations and synergies between the research community, industry, and business





CL comprises the following research areas

- **Learning and the brain:** The biological, philosophical, psychological and social base of learning
- **Learning throughout life and in different contexts:** learning from different theoretical and cultural perspectives, teaching, studying and learning, learning at work and knowledge management
- **The technologies of learning:** web based learning, mobile learning, the human-computer interface and learning machines
- **Learning and the society:** the societal and economic impacts of learning, competence building, social innovations and issues of inclusion and exclusion.

Thank you!

