

# ICT and learning: observations and challenges from a European perspective

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## Two Perspectives

Government, administrators, the public debate  
Schools: learners and teachers

## Evidence base

- 130 Ict-school portraits Dutch inspectorate
- 20 ICT-school portraits in six European countries (FERNIST)
- ICT-reports inspectorates in England, Scotland, France
- INSIGHT European Schoolnet research, analyses, ICT-country profiles.
- Peer-to-peer (P2P)
- P2V
- STEPS project: case studies

## Focus on:

- Schools
- Subjects
- School leaders
- Teachers
- Students

## ICT school portraits

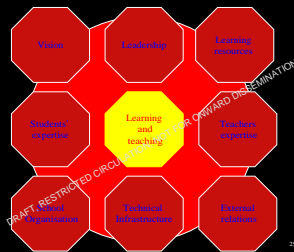
- Context
- Vision
- Changes for students, teachers
- School organisation
- Roles of others
- Reflecting conditions
- Assessment

## Remarkable in Slovenja

- The pivotal role of teachers, school leadership
- ICT is demanding more from teachers
- The use of interactive applications: blogs, interactive white boards, on-line tests, video conferencing, skype
- Internet as a resource
- Communication
- Curriculum demands
- Infrastructure and technical support
- Timetabling factor

## What have we learned?

- Organising processes of change
- Leadership
- ICT: one element in complex change process
- Reward teachers' and students' initiatives
- Serendipity
- Co-operate with operational management
- Infrastructure and technical management
- ICT tools for school organisation development and educational development



## Public concerns

- Impact of ICT in society, economy, public life
- Lisbon ambitions
- Digital divide
- Results of investments
- Assessment of progress in terms of innovation in learning and teaching
- New priorities, new topics in the public debate

## Two observations:

- ICT and anarchy
- Innovation at school level

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## Schools and ICT

Schools and learning change on three levels

- Tools
- Methods, didactics
- Objectives

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## School level

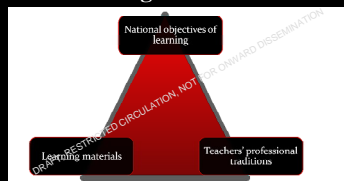
- Organisational change
- New sources of learning
- Not one new paradigm
- The real digital divide
- The triangle of change resilience

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## The triangle of change resilience



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## Challenges

- Redefine goals of common learning
- Keep up the investment levels
- Open up schooling and learning
- Schools to lead

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13

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