

"EDUCATION & TRAINING 2010"

KEY COMPETENCES FOR LIFELONG LEARNING



http://ec.europa.eu/education/policies/2010/objectives_en.html#basic
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Education and Training 2010 work programme

- **Common objectives on quality, access, openness;**
- **Indicators and benchmarks;**
- **Recommendations, common references;**
- **Peer learning**
- **32 countries participating**
- **Joint reports of the Commission and Council on progress**

http://ec.europa.eu/education/policies/2010/et_2010_fr.html

Education and Training 2010 work programme

- **Integral part of the 'Lisbon process'**
 - **Competitiveness, growth, social cohesion**
- **Lifelong learning as a guiding principle**
 - **Comprehensive and consistent national strategies**
- **Close links to Lifelong learning –programme**

Why work on key competences?



Individuals

- New technological skills
- Access to information
- Adaptation to changes
- Lifelong learning



The world of work

- Rapid and frequent changes, globalisation
- New technologies, flattening hierarchies
- Need for broader contributions by all in working life



Society

- Need to enhance democratic citizenship - diversity
- Globalisation – competitiveness – social cohesion
- Ageing of the work force (teachers as well...)

People need to be informed, concerned, and active lifelong learners..

Why work on key competences?



CEDEFOP:

- One *third* of the EU workforce are low skilled
- by 2010:
 - 50% will require high skills;
 - only 15% of the jobs will be for those with basic schooling,
- Low-skilled participate 6 times less in training.



http://europa.eu.int/comm/education/policies/2010/studies/cedefop_en.pdf



Trends today

Compulsory education

- Shift from knowledge to broader competences
- Reform of curricula, decentralisation, autonomy of schools, evaluation, leadership...
- But: need to address those with disadvantages



Adult education

- Basic skills programmes, often by NGOs, few countries with comprehensive provision
- But: Need for comprehensive strategies, infrastructures



Indicators - benchmarks

Benchmark	2007	2010 Target	Trend
Early school leaving	15.3% <small>(2006 – EU27)</small>	10%	+ -
Completion of upper secondary	77.8% <small>(2006 – EU27)</small>	85%	+ -
Participation of adults in learning	9.6% <small>(2006 – EU27)</small>	12.5%	+ -
Low achievers in reading literacy	21.2% <small>(2006 – EU16)</small>	15.5%	+ -
Maths, science, technology graduates	achieved	Increase 15%	+ but



Key Competences for Lifelong Learning - A European Reference Framework

is for:

- ✓ Policy makers,
- ✓ Education and training providers,
- ✓ Employers,
- ✓ Learners themselves

to encourage and facilitate reform



A 'competence'

A competence is a combination of

✓ Knowledge



✓ Skills



✓ Attitudes



that is appropriate to the context



A 'Key' Competence

Serves for:

- ✓ Personal fulfilment
- ✓ Social inclusion & active citizenship
- ✓ Employment

Is «transferable, multifunctional and a prerequisite for adequate performance in life»



The 8 Key Competences

that everyone should develop during initial education and training, and that adults should learn, maintain and update through lifelong learning:

- ✓ Communication in the mother tongue
- ✓ Communication in foreign languages
- ✓ Mathematical competence and basic competences in science and technology
- ✓ Digital competence
- ✓ Learning-to-learn
- ✓ Social and civic competence
- ✓ Initiative taking and entrepreneurship
- ✓ Cultural awareness and expression



Digital Competence

- ✓ involves the confident and critical use of Information Society Technology (IST) for work, leisure and communication;
- ✓ underpinned by basic skills in ICT: the use of computers, exchange information;
- ✓ Communication and participation in collaborative networks via Internet



Learning to learn



- ✓ ability to pursue and persist in learning through effective management of time and information, both individually and in groups;
- ✓ includes awareness of one's learning process and needs, identifying available opportunities, and the ability to handle obstacles;
- ✓ means gaining, processing and assimilating new knowledge and skills as well as making use of guidance;
- ✓ builds on prior learning and life experiences to apply knowledge and skills in a variety of contexts – at home, at work, in education and training;
- ✓ Motivation and confidence are crucial



- some thoughts about ...

The Eight Key Competences

- and school development

Overlap & interlock and...

are underpinned by ...

and thus call for...

- ✓ *Mother tongue*
- ✓ *Foreign languages*
- ✓ *Math & science*
- ✓ *Digital*
- ✓ *Learning to learn*
- ✓ *Social & civic*
- ✓ *Entrepreneurship*
- ✓ *Cultural*

- ✓ Critical thinking
- ✓ Creativity
- ✓ Initiative taking
- ✓ Problem solving
- ✓ Risk assessment
- ✓ Decision taking
- ✓ Managing feelings...

Schools as organisations...

Teachers & staff as key...



Improving the Quality of Teacher Education

A European Commission Communication / Council Conclusions

Communication on the Quality of Teacher Education at:

http://ec.europa.eu/education/policies/2010/objectives_en.htm#training

Council Conclusions: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:C:2007:300:0006:0009:EN:PDF>



Research Evidence

- teacher quality
 - significantly and positively correlates with pupil attainment
 - most important within-school aspect explaining student performance
 - (greater effects than school organisation, leadership or financial conditions)
- in-service teacher training correlates positively with student achievement

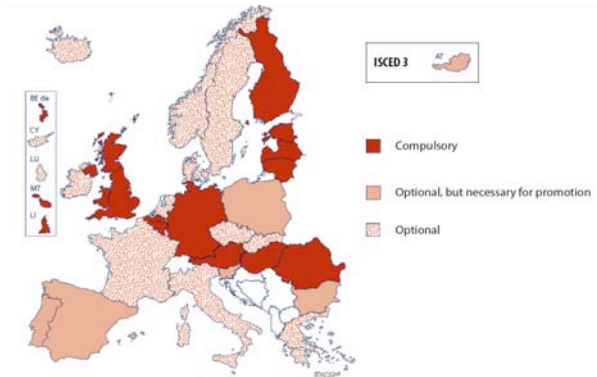


Teacher: A more complex, more demanding profession

- task: to help each young person:
 - acquire basic knowledge
 - acquire key skills and attitudes
 - become autonomous learners
 - become life-long learners
 - co-construct learning



In-service training of teachers in primary, general lower and upper-secondary education, 2002/03



Therefore more focus on:

- Initial education – induction – professional development
 - In the context of school development
 - Closer connection to research & reflective practice
 - Updated pedagogical skills
- Professionalization + status



Clusters

For exchanging good practise, peer learning, policy recommendations
Each country has chosen 3 to work with

1. Teachers and Trainers;
2. Access and Social Inclusion in Lifelong Learning;
3. Use of ICT in education;
4. Maths, Science and Technology;
5. Making best use of resources;
6. Key competences and curriculum reform;
7. Modernisation of higher education and
8. Recognition of learning outcomes.





Cluster Key Competences – Curriculum Reform

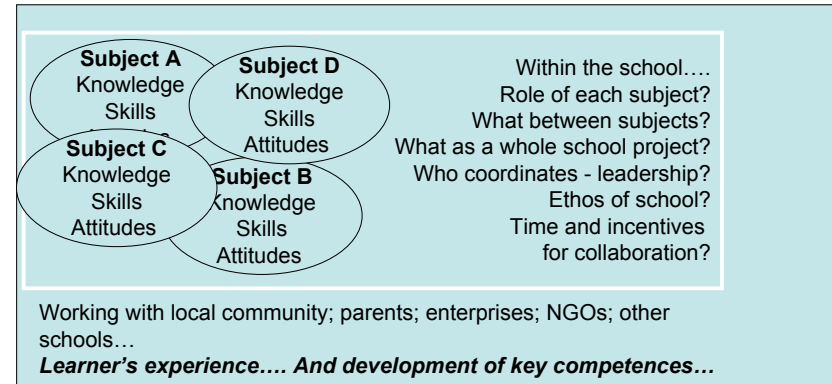
Remit: Implementation the Recommendation of Key Competences for Lifelong Learning

- **2007: 3 Peer Learning Activities: Belgium FL; Hungary; Greece + meetings in Brussels**
- **Main focus: cross-curricular competences and their implementation; learning to learn in particular, learning materials, systemic support...**

http://ec.europa.eu/education/policies/2010/doc/peer07_en.pdf



Key competences – learning environment



“Learning Communities”

- Visions, values and objectives
 - are shared by teachers, parents and other stakeholders
- School works collaboratively
 - to enhance the curriculum, teaching strategies and assessment for learning;
- Diverse expertise and knowledge is valued, and used
 - school knows what competences they have and how to develop them further;
- Ethos of the school
 - is based on openness, dialogue, inquiry, risk-taking and trust – and on professionalism
- Teachers feel
 - they can make informed and responsible decisions about innovative teaching strategies;
- Leadership is shared:
 - both responsibilities and tools for improving learning are distributed for improving learning.



“Improving Competences for the 21st Century”

- Communication from the Commission
- Agenda for cooperation within the ET2010 and beyond
- Staff Working Paper
- Public consultation + reasearch & data + clusters' conclusions
- July 2008





Thank you for your attention!



- 1. Education and Training 2010 work programme**
– a policy framework for action

Education
& Training
2010

- 2. Lifelong Learning Programme**
- Opportunity for projects, networks etc

http://ec.europa.eu/education/index_en.html

