

eLearning and the Digital Agenda for Europe

Modernising education in Europe

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Europe is still suffering from the financial crisis



- *Almost all Member States had negative employment growth in 2009*
- *Employment declined most in construction and manufacturing. Young adults were hit hardest.*
- *Higher long-term unemployment will probably be the most enduring consequence of the economic crisis for the labour market*

Source: Eurostat



Europe needs sustainable growth

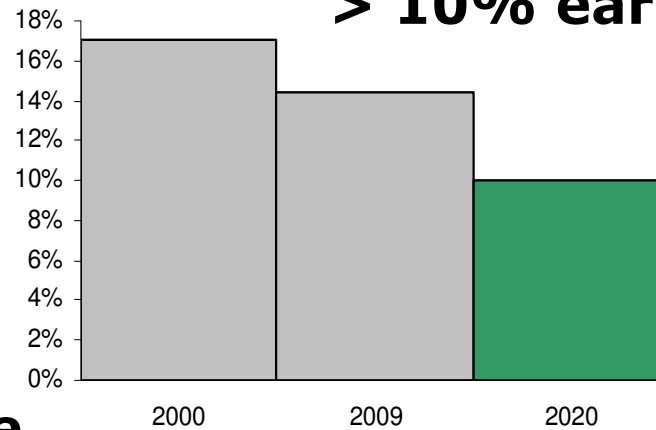


Europe's economy needs to build upon **knowledge** and **innovation** to grow.

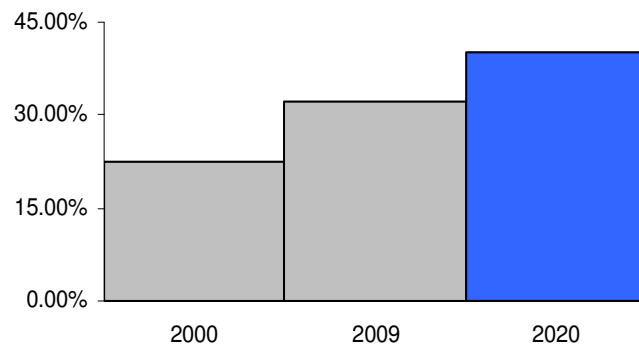


Europe 2020: ambitious aims

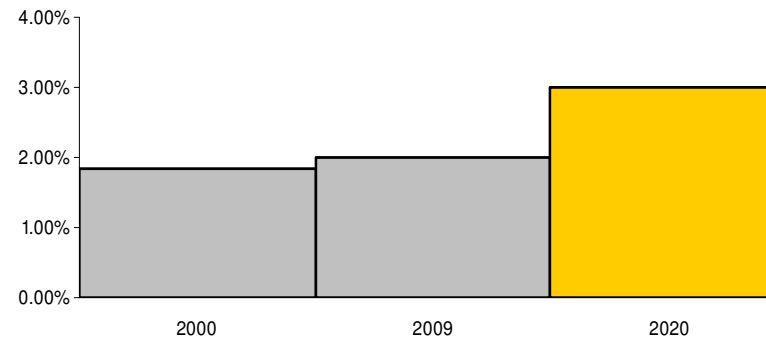
> 10% early school leavers



>40% should have tertiary degree



Investment in R&D > 3%



The Digital Agenda for Europe (DAE)



The DAE calls upon member states to **mainstream eLearning** (...) for the **modernisation of education** (...).

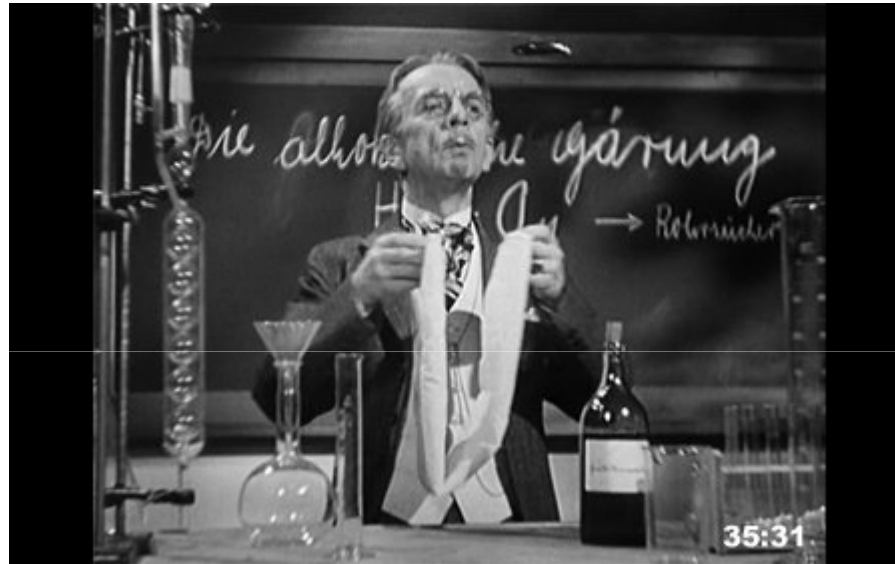
We need to teach how to „learn to learn“

- *“What percentage of the knowledge you need to do your job is stored in your own mind?”*
 - 1986 ~ 75%.
 - 1997 ~ 20%
 - 2006 ~ 10%

Source: Robert Kelley (www.kelleyideas.com)



Learning must not be like taking bitter medicine



*"Learning is like taking medicine.
It must taste bitter or it will have no effect."*

Feuerzangenbowle (1944),
Professor Crey

Some challenges

- Only 5% of Europeans used the Internet for doing an online course in 2009
- The educational systems vary a lot across the EU member states, sometimes formal degrees and diplomas don't mean anything or are not recognized in another member state.
- Curricula are inflexible and are very language- and culture-specific.

The EC helps to make a change

- DG Information Society and Media (INFSO)
 - *Research*: Technology Enhanced Learning (Dir E, DG Infso). ICT for education and training.
 - *Innovation*: eContentplus programme (Dir E, DG Infso). Making educational content more accessible. Assess standards and specifications.
 - *Digital Literacy*: Use of ICT for Digital Literacy (Dir C, DG Infso)
- DG Education and Culture (EAC)
 - Launched eLearning Action Plan and eLearning Programme (2002-2006)
 - Lifelong Learning Programme
- DG Enterprise (ENTR)
 - Cooperation with CEN/CENELEC on interoperability standards for learning technologies.
 - Policy driver for eSkills/Digital Skills

eContentplus (2005-2008)

OPEN SCIENCE RESOURCES



Share.TEC
teacher education resources



European Commission
Information Society and Media



Too few users of eLearning resources

IN PRIMARY EDUCATION, COMPUTER SOFTWARE AND INTERNET MATERIALS ARE STILL NOT ACTIVELY USED TO TEACH READING

Eurostat – report "Key data on Education in Europe 2009"

- **Use across borders and cultures** is very difficult.
- eLearning resources are **difficult to deal with.**
- **Little encouragement** for teachers

Vision: A socially powered learning platform for Europe

- CIP ICT PSP Call 2011 (Deadline 1 June 2011)
- We are looking for large-scale European projects that
 - create a socially-powered educational portal
 - allows teachers, pupils and parents to discover, discuss and improve eLearning resources
 - test the use of eLearning resources in real life and identify best practices.
 - motivates teachers, pupils and parents to take part actively.



We need to adapt to the new challenges

- To change and modernise education for the benefit of us all
- Devise new business models
- Make curricula more flexible
- User-generated content and professionally produced content must co-exist.





**Thank you very much for
your attention!**

Questions?

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