

# Doing your teacher job on the net

## About eLearning environments

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# From BBS to eLearning

- Bulletin boards (BBS) – ArpaNet, Fido
- email – the Internet
- newsgroups, discussion forums
- WWW – Lynx, Mosaic, Netscape
- Internet Relay Chatting, online sessions
- video conferencing
- audio and video web sessions

# Networking and collaboration

- Collaboration in the net: oN Line System  
1968 > 1990s the Internet, WWW
- Team working tools (asynchronous):
  - Lotus Notes (IBM)
  - Groove (Microsoft)
- Microsoft.net, Messenger  
(asynchronous+synchronous)

# eLearning environment programs

- Team working tools adopted to eLearning:
  - Learning Space (IBM), WebCT, Blackboard (MS), First Class, Interwise (more than 4000 programs)
- LMS: Learning Management Systems  
VLE: Virtual Learning Environments
  - eLearning environment programs
- More than 20 programs made only in Finland

# Finnish LMS/VLE 1/2

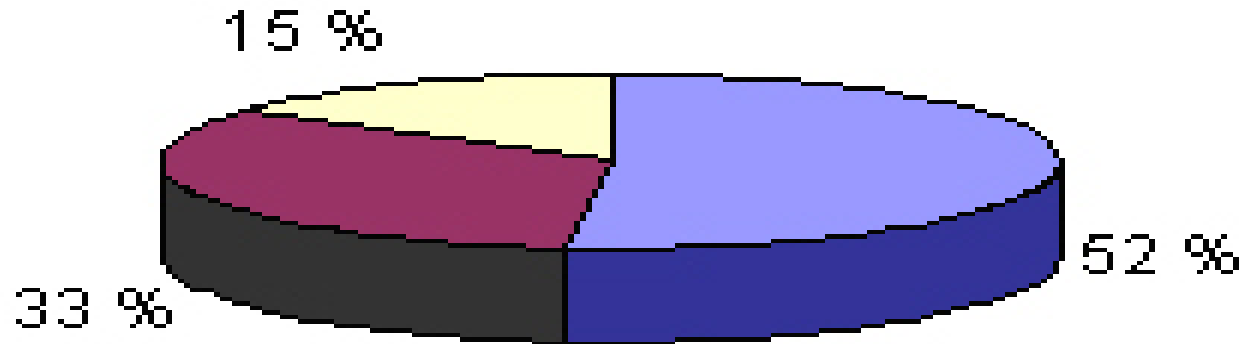
- `<a href="http://ejournal.eduprojects.net/" target="_blank">eJournal, schreib und gib im Flug heraus</a>`
- `<a href="http://verkkolehti.peda.net/" target="_blank">Peda.net Web Magazine</a>`
- `<a href="http://portal.peda.net/" target="_blank">Peda.net Netgate</a>`
- `<a href="http://demo.r5vision.com/demo/custom/files/frontpage.asp?session=end" target="_blank">R5 Vision</a>`
- `<a href="http://www.tiimi.net/" target="_blank">Tiimi.net</a>`
- `<a href="http://www.myedukit.com/default.htm" target="_blank">myEDUkit WebFellows</a><a href="http://www.efodi.com/" target="_blank">Efodi Elisa</a>`
- `<a href="http://fle3.uiah.fi/" target="_blank">FLE 3 Open Source, Art&amp; Design Univ.</a>`
- `<a href="http://opit.wsoy.fi" target="_blank">OPIT WSOY</a>`
- `<a href="http://www.humapkids.com/" target="_blank">Humap Kids</a>`
- `<a href="http://tools7.humap.com:8080/tool/default.htm" target="_blank">Humap Tool</a>`

# Finnish LMS/VLE 2/2

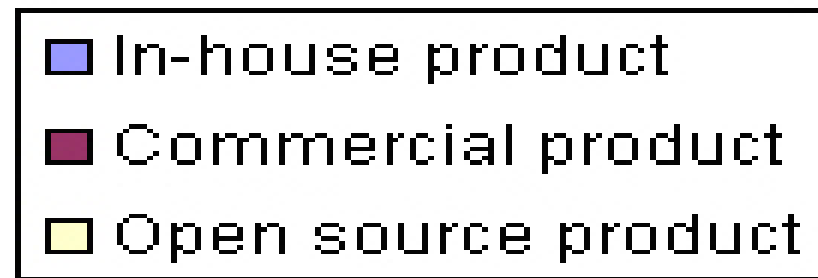
- `<a href="http://www.discendum.com/" target="_blank">Discendum Optima</a>`
- `<a href="http://www.lcprof.fi/" target="_blank">LCProfiler</a>`
- `<a href="http://www.hci.fi/" target="_blank">Woppi  
HCIProductions</a>`
- `<a href="http://oppiweppi.cybercube.fi/" target="_blank">Oppiweppi  
(Cybercube)</a>`
- `<a href="http://www.edusolutions.fi/" target="_blank">Edusolutions  
(EduSolutions)</a>`
- `<a href="http://ao.tut.fi/demo/" target="_blank">A&O (Turku Univ.)</a>`
- `<a href="http://pww.evitech.fi/nble/" target="_blank">Evitech</a>`
- `<a href="http://www.mimerdesk.org/community/engine.html" target="_blank">MimerDesk</a>`
- `<a href="http://oyt oulu.fi/telsi-info2/welcome.html" target="_blank">TelsiPro (Oulu Univ.)</a>`
- `<a href="http://matwww.ee.tut.fi/ao/" target="_blank">AO (Tampere Univ.)</a>`
- `<a href="http://www.verkkosalkku.net/main.asp?sid=1" target="_blank">Verkkosalkku</a>`
- `<a href="http://www.internetix.fi/" target="_blank">Internetix (Otava Institute )</a>`
- `<a href="http://www.metodix.com/showres.dll/fi/index" target="_blank">Metodix (Otava Institute )</a>`

# What kind of VLEs are used

(Riina Vuorikari, European Schoolnet 2003)



**Distribution of VLE users**



# How are VLEs used

- mostly with the pupils in the classrooms
- "blended learning", mixing computer-mediated learning with face-to-face teaching
- more used in teacher-to-teacher communication than in eLearning

# What are VLEs used for

(R.Vuorikari, European Schoolnet 2003)

- strengthening previously learned things (32 per cent)
- introducing new teaching items (29 per cent)
- access to learning materials through the VLE in use (80 per cent)

# What is expected from VLEs

(R.Vuorikari, European Schoolnet 2003)

- facilitate the change in education and pedagogy
- lead to more learner-centred approaches
- enhance interactivity in learning
- help constructional knowledge building
- complement teaching & learning in the classrooms

# How to decide on the VLE

- a proper tool for an actual need
- different functionalities, for example:
  - transnational partner projects
  - repeated courses
  - different educational functions of a school
  - educational tasks and administration of a large institution

# Examples of VLEs

- [OPIT \(eWSOY\)](#)
  - VLE with eLearning content, [registered users](#)
- [myEDUkit.com](#)
  - free for registered users
- [Humap Kids](#)
  - designed for small children
- [Future Learning Environment](#)
  - an Open source product
- [eJournal](#)
  - an innovative tool for collaboration in the Internet

# Discussion

- **What kind of a VLE to obtain?**
- **What kind of resources do you have?**
- **Pedagogical aspects**
- **Security**
- **Standards**
- **Accessibility**
- **Problems?**

# Links 1/2

- Grids of Comparison by CHEST  
<http://www.chest.ac.uk/datasets/vle/checklist.html>
- Comparison of Web Based Course Environments by Edutech  
<http://www.edutech.ch/edutech/tools/ev2.php>
- Online Educational Delivery Applications, a webtool for comparative study  
<http://www.edutools.info/course/index.jsp>

# Links 2/2

## Further Education Resources for Learning

<http://ferl.becta.org.uk/>

- Joint Information Systems Committee (JISC): MLE Information Pack

<http://www.jisc.ac.uk/mle/>

- Virtual Learning (in German only, password)

<http://www.virtual-learning.at/>