



# Schools and electronic services - Peda.net schoolnet

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# Agenda

1. What is Peda.net schoolnet?
2. Schoolnet Services
3. Web Tools
4. Web Tools example - Portal
5. Development Principles
6. Possibilities and challenges
7. Roadmap for future development

# Peda.net – Schoolnet

- Short overview of history
  - Started 1996 as software project
  - First tool 1998 – WebMagazine v. 1.0
  - ESF and Ministry of Education funded early development work
- Peda.net – Schoolnet now
  - Funding based on membership fees
  - 104 municipalities as a member but also single schools and individual teachers
  - Registered trademark

# Peda.net – Schoolnet services

## 1. Web Tools

- Technical maintenance
- Development
- Support

## 2. Research and development partnership

- Schoolnet is a subproject of the Research Team on ICT in Learning and Working Environments

## 3. Pedagogical training for teachers

# Peda.net – Web Tools

- Portal (most popular tool)
- Web Magazine
  - Easy to produce and publish materials to Internet
  - Report project outcomes
  - Use as a "workbook"
- Notebook
  - Organize files and courses
  - Version management
  - Free modification access rights

# Peda.net – Web Tools - Portal

- SaaS (Software as a Service) based delivery
- Same tool, multiple use
  - CMS (Content Management System) e.g. implementing school websites
  - Home-school collaboration
  - Implementation of the learning processes
  - Intergration of third-party content and software

# Peda.net – Web Tools - Portal

- Several language versions available
- Low level of administration needed
- Layout freely configurable

# Peda.net – Development Principles (1)

- All tools are based on open standards (e.g. HTML)
- Trouble free tools
- Reliability also over mobile connections
- Centralized maintenance and delivery – no need for backup, software installations or technical maintenance



# Peda.net - Development Principles (2)

- Stable interfaces for third-party software and content integration
- Software and hardware independency
- All tools are constructed on the basis of open-source software

# Possibilities and challenges

- Life-long-learning and non-formal learning should be supported
- Legislation challenges
  - Age limits for users
  - Protection of privacy
  - Copyright laws
- Pedagogical challenges – towards learner-centered learning
  - Digital natives in classroom
- IT management (centralized management vs. cloud services)

# Future development

Learning environment which contains:

- Personal space
  - Personal learning environment (PLE), fully maintainable and customisable by user. Free registration for everyone.
- Pedagogical community service
  - Collaboration, publicity and privacy management of contents, social networks
- Educational materials
  - E-learning materials
- New version of Portal tool
  - Websites for schools, working sites for subjects and classes, home-school collaboration and information sharing.

# Future development

## **Pedagogical social network**

Co-operating, sharing the learning material and controlling the publicity, learning social media skills safely

### **Organization platform**

Schools own webpages  
Classroom webpages, net classes, co operating in between schools and homes, reporting

### **Learning material services**

communal, functional and ductile  
electronical learning materials.

### **Students and teachers own profile**

Personal area, which can be ductiled and controlled by the students themselves. It can be used in the formal and informal environments for lifetime.

# Contact info

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# Thank you!