ICT Education in Slovenia

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New Challenges For Education

Parents
National institutions
Schools
Companies
Before 2000

• **Introduction of ICT without vision:**
  • Purchasing only
  • No development of e-learning
  • No e-content based activities
  • No support for teachers
Ministry of Education and Sports

- Teacher training
- School informatisation
  - Human resources
  - Hardware and basic software
  - E-content
  - School network and internet
- R&D
Teacher Training

- **2004 Life-long Learning – teachers training teachers:**
  - Basic knowledge for ICT use
  - General pedagogical knowledge
  - Special-didactical knowledge
- **6,000 – 8,000 teachers per year** (of the total 25,000 teachers)
- **Training for School leadership**
Content based activities for systematic development

- 1.1.2006 - 1.9.2007
- 6 small e-Learning materials
- 22 big e-Learning materials
ICT – Connection With Companies and Universities

- Microsoft
- Cisco (Cisco Network Academy)
- University of Ljubljana (Faculty of Electrical Engineering)
Microsoft activities

Slovenia Partners in Learning (PiL):

- Development of free training materials for teachers community
  - > 200 free workshops for teachers
  - Over 2000 teachers trained through workshops
- Innovative Teachers Network
  - allows teachers connectivity and knowledge transfer
  - 20,000 visits per month on the portal
Cisco – cooperation with the Slovenian educational system

- Non profitable Cisco Network Academy - advanced e-learning materials and methodologies
- Assessment (Benchmarking)
Faculty of Electrical Engineering - Laboratory for telecommunication

- *Cooperate with schools*
  - Development of LMS
  - Development of Web-Based Educational Television **SiTV**
- Teachers training and workshops through summers schools
Percentage of Schools Using Computers, Internet Connection, and Broadband Internet Access According to School Type in Slovenia 2006

Source: LearnInd HTS 2006; Base: All schools; Question: Computers: Q6; Internet, Broadband: Q9. See questionnaire for exact wording.
Efficiency of ICT use

% of teachers using ICT prepare lessons and in classrooms  
Source: Pef MB, 2005

PRIMARY, SECONDARY SCHOOLS
Special-didactcal knowledge of teachers for ICT use in classrooms

ICT Readiness of Teachers in Slovenia: Percentage of Teachers Fully Ready to use Computers in Class (ACM Indicator) 2006

Source: LeanInd CTS 2006; Base: All teachers. Question: See endnote 5
Future work

• Development of the national ICT portal
• Further development of e-contents
• MoE – seven-year project of certified teachers training
Technology is changing the way we live, communicate and learn. It also enables educators to re-frame education in order to meet the needs of twenty-first century learners.”

Greg Wirtby
Parrammata Schools, Sydney