



Eesti e-Ülikool
Estonian e-University

Estonian e-University

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Most popular activities in the Internet



send/read e-mails

search for information



usage of local portals



Ene Tammeoru



usage of Internet
bank services

Estonian e-University

e-Learning at universities (until 2002)

- Uncorrelated projects,
 - At random platforms
 - Often not integrated into regular curriculum
 - Often ending with completion a cooperation grant
- Mostly motivated by teachers personal interest and curiosity
 - Mostly not motivated by institutional policy
- Overall usage of eLearning (with compulsory elements in web) is small
- Still, a small group of strongly interested enthusiasts was active
 - Public universities don't subordinate to ministry
- There is no governmental e-learning initiatives in Estonian HE system

Starting point

- **E-learning is important ...**
- Extremely big differences between HEEs in Estonia
 - Private and public
 - Free vs. fee-based learning (both in private and public HEEs)
- Even universities with a similar profile are competitors
 - Hard to find an area where common interests are prevalent
- HEEs are very autonomous
 - Public universities don't subordinate to ministry
- There is no governmental e-learning initiatives in Estonian HE system

Internet-based education

- **... may**
 - Increase accessibility of education
 - Promote life-long learning
 - Share resources and enhance cooperation of universities
- **... as well as**
 - Strengthen competition between universities
 - Waste resources by creating uncorrelated, unstandardized variety of materials
- There is a clear need for coordinated actions

Members

- University of Tartu
- Estonian Agricultural University
- Tallinn Pedagogical University
- Tallinn University of Technology
- IT College
- Estonian Business School
- University Nord
- Audentes University
- Estonian Ministry of Education and Research
- Estonian Information Technology Foundation

Estonian e-University ...1

- **... is not a university**
- ... is a consortium type cooperation framework for implementing eLearning in HEE
- Project inside EITF
 - 5 employed
 - 3 working groups of universities personnel
- ... will **coordinate** web-based teaching of universities

Estonian e-University ...2

- ... for citizens, will be **the single entry-point** to the Internet based higher education
- ... was founded in February 2003
 - Currently 8 + 2 members, including all most important universities of Estonia
 - Academic and vocational, public and private HEE
 - Governmental (foundation) support 0,2 M€ in 2003, 0,1M€ in 2004 and 2005

Estonian e-University ...3

- **... does not** guide strategic use of ICT in universities
 - Universities are too big and autonomous for us, that goal is not possible to approach step by step
 - Anyway, changes of organisational logic and business models come to HEE due to changes in society, incl. Globalisation effects (independent on existence of e-University)
- **... does** support capacity building in universities, to be ready to implement full range of ICT strategic possibilities
 - Mostly that means orientation to the teaching staff level
 - No implication to educational approaches (instructional vs. constructivist)
 - No implication, whether using full or mixed mode e-learning

Financing

- Funds from Government 70%
- Annual consortium membership fee 5%
- Participation in projects 25%

Activities

- Staff training and support
- E-learning content development
- Infrastructure
- Inter-university cooperation
- Development and promotion activities

Staff training and support

- Training
 - Basic level
 - Advanced level
 - Expert level
- Educational technologists and tutors

Number of ET

	Students	Academic staff	Central Faculty + colleges	
TU	16 000	1000	3	4
TUT	9 500	600	2	
TPU	7 000	300	2	1
EBS	2 000	100	1	
ITK	350	15	1	
EAU	4 000	100	1	
Aud	2 500	100	1	
Nord	500	50	1	

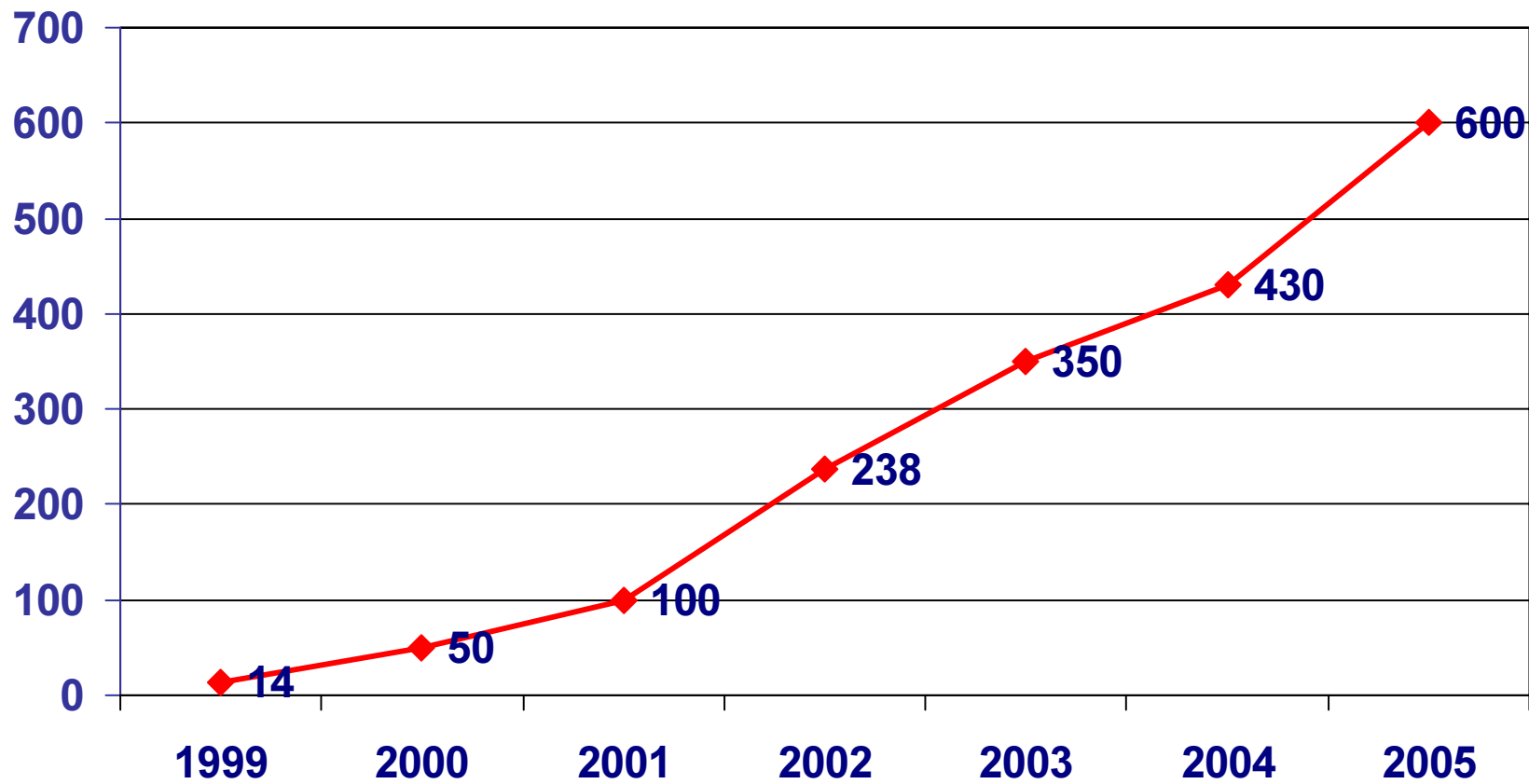
E-learning content development

- Contests
- Quality
- Internationalisation

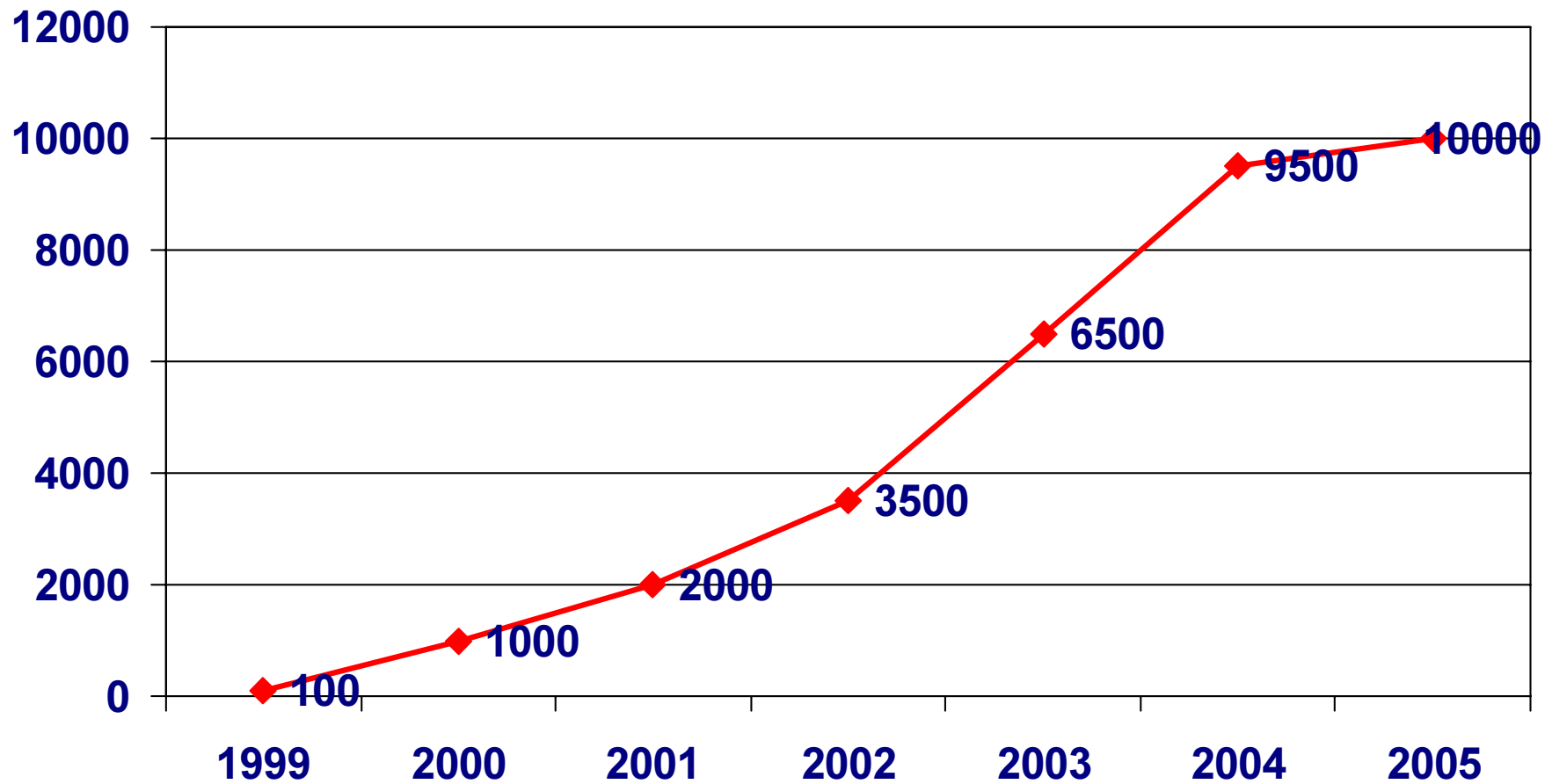
Infrastructure

- Learning centres
- Learning environment
 - IVA
 - WebCT
- Databases
- Videoconference system

Number of e-courses



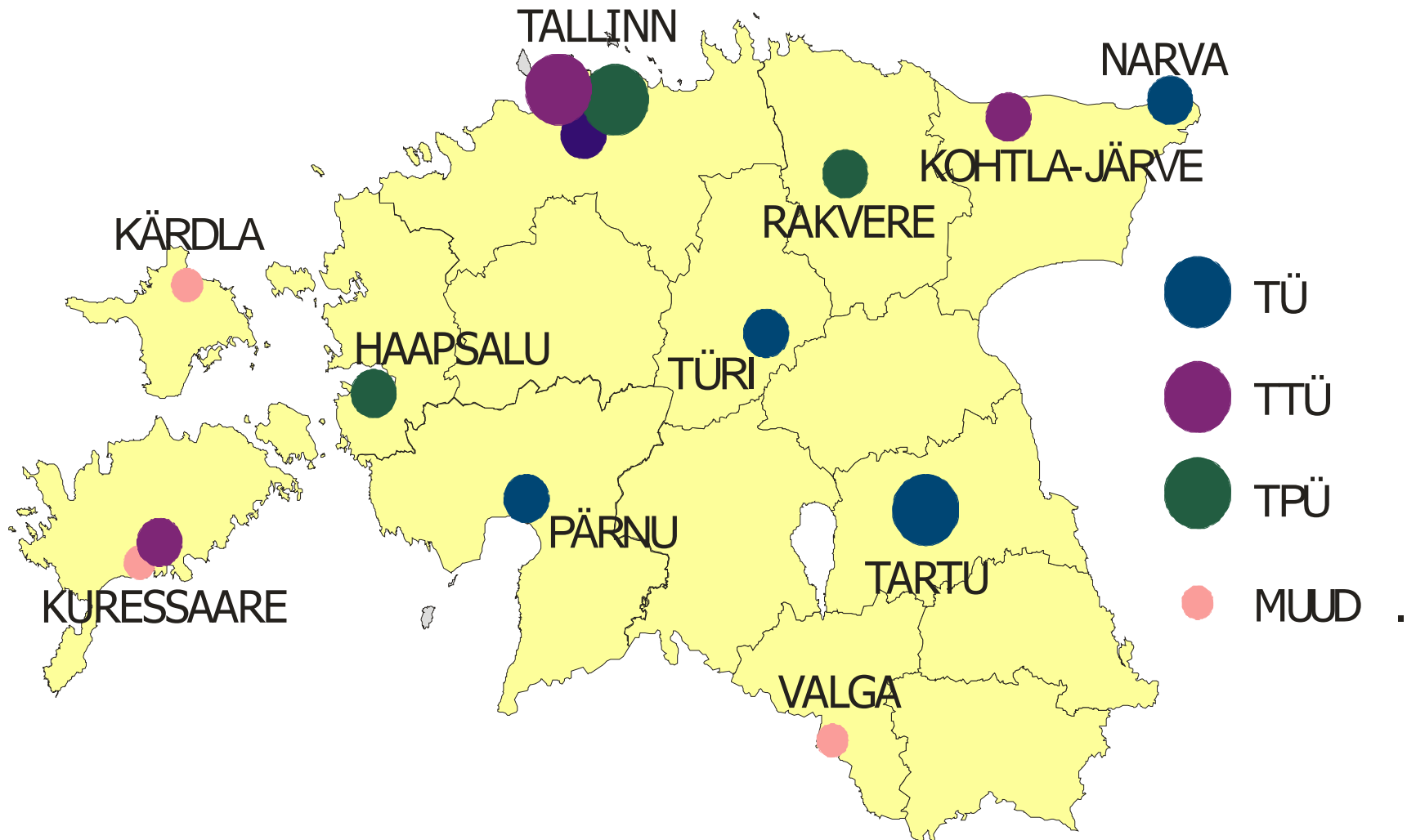
Number of e-students



Opportunities of videoconferencing

- 1993 connection with Sweden
- 1996 connection with Finland (ISDN)
- 1998 connection appeared in Tartu, Saaremaa and Hiiumaa due to establishment of ISDN connection
- 2000/2001 testing videoconferencing over Internet
- 2004 first equipment enabling multipoint videoconferencing

Educational videoconferencing network map



Videoconferencing equipment

Polycom VX7000



Convenience and innovation are combined in a compact, entry-level powerhouse.



Inter-university cooperation

- Exchange of e-courses
- Thematic networks
- Joint participation in national and international e-learning projects

Projects

- **THE UNIVe**

“Creating network-based e-university model for the small countries in the context of e-learning in Europe”

Socrates Minerva; 01.10.2003 - 01.10.2005 - coordinator

- **REGIONALLY ACCESSIBLE QUALITY HIGHER EDUCATION VIA E-LEARNING (REDEL)**

EU Social Funds; 07.09.2004 – 30.06.2008 - coordinator

- Thematic networks
- University teacher training
- Research
- Support system of e-learning
- Virtual portal
- Quality of e-learning

- **E-XCELLENCE**

“Creating a standard of excellence for e-learning”

eLearning Programme; 01.01.2005 – 31.12.2006 - partner

Development and promotion activities

- Organisation
- Promotion

E-LEARNING *versus* ADMINISTRATIVE OBSTACLES

14 – 15 of April 2005

www.e-uni.ee/konverents

Future

- e-vocational education project – e-VET
- Quality
- International cooperation
- Contract system
- Support system
- Infrastructure



Thank You!
Nice spring 😊

More information:

<http://www.e-uni.ee>

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