



# Centre for Educational Technology Tallinn University, Estonia

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# About Estonia

- Population: 1,3 million
- Tallinn: 400 000 inhabitants
- Territory: larger than the Netherlands
- 65% are Estonian-speaking (language is close to Finnish)
- About 600 schools, 16 000 teachers





# About CET

- **Tallinn University:** the third largest public university in Estonia, 7500 students
- **Centre for Educational Technology:** a R&D unit within Institute of Informatics
- **Staff of CET:** 14 researchers, educational technologists, software developers



# LO Repositories in Estonia

- 1997: Miksike.ee, a private/NGO mixture
- 1999: opetaja.ee portal made by CET, later transformed to koolielu.ee by TLF
- File server at EENet.ee, Joomla portals of teachers' networks
- 2007: Waramu by CET (LOM, SQI, OAI)



# Our products

- Supported by the Tiger Leap Foundation:
  - VIKO, an entry-level LMS ([viko.opetaja.ee](http://viko.opetaja.ee))
  - KooliPlone, school CMS
  - Krihvel, a LMS for elementary schools ([krihvel.opetaja.ee](http://krihvel.opetaja.ee))
  - QTI 2.1 based test delivery system PETS ([ait.opetaja.ee/pets-war](http://ait.opetaja.ee/pets-war))



# European projects

- **FP6 IST:**
  - **iCamp: [icamp.eu](http://icamp.eu) (SQL, SCORM-player)**
  - **Calibrate: [calibrate.eun.org](http://calibrate.eun.org) (LeMill.net)**
- **Interreg: ICT Cert ([ait.opetaja.ee/tats](http://ait.opetaja.ee/tats))**
- **ESF: ePortfolio ([eportfoolio.opetaja.ee](http://eportfoolio.opetaja.ee))**



# Learning activity patterns

- Pattern language: architecture, programming
- Previous attempts to implement in education domain: [pedagogicalpatterns.org](http://pedagogicalpatterns.org)
- Learning activity patterns: an approach based on activity theory
- Learning affordances of Web 2.0 tools



# IVA2: DiPPLEr

- Distributed, modular architecture
- User's own e-portfolio as front-end
- Back-office: for assignments, grouping etc
- Players for various Web services: quizzes, forum, learning objects, concept maps etc

