Open University of the Netherlands

Facts:
- 20,000 Students
- 60 Mio. Euro Budget
- 15 Study locations

CELSTEC
- 100 FTE
- 7 Mio. budget (R.Koper)
- 2 R&D Programs
  a.) Technology-Enhanced Learning (M.Specht)
  b.) Learning and Cognition (P.Kirschner)
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WhoAml

• Assistant Professor at the Technology-Enhanced Learning Program

• Research topics:
  Learning Networks,
  Recommender Systems,
  Personalization,
  Learning Analytics,
  Mobile devices

• Application domains:
  Science 2.0
  Health 2.0
# The pulse of TEL

<table>
<thead>
<tr>
<th>Media-Supported Learning</th>
<th>Computer-Based Training (CBT)</th>
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The Web is getting Mobile

Device Share of Page Views Across Countries in Europe
Nearly 1/3 of UK Page Views are from Mobiles and Tablets

- United Kingdom: 68.1%
- Ireland: 71.4%
- Russian Federation: 74.8%
- Norway: 86.4%
- Netherlands: 86.5%
- Switzerland: 86.6%
- Finland: 87.6%
- Austria: 88.5%
- Sweden: 89.0%
- Denmark: 89.3%
- Italy: 89.6%
- Germany: 90.2%
- Spain: 91.0%
- Belgium: 91.9%
- France: 92.3%
- Portugal: 94.0%
- Poland: 95.7%
- Turkey: 96.2%

Source: comScore Device Essentials, December 2012, Europe – Share of browser based page views
The Web is becoming Social
Citrix Buys Podio for Social Collaboration, Project Management Software

By Chris Kanaracus, IDG News

Citrix said Wednesday it has acquired Podio, maker of a cloud-based software platform for project management and collaboration. Terms were not disclosed.
The Web is becoming Social

Social Media Marketer Vitrue Has Been Bought By Oracle For $300 Million

INGRID LUNDEN AND JOSH CONSTINE

Wednesday, May 23rd, 2012
The Web is becoming Social

Salesforce.com buying social marketing vendor Buddy Media in $689 million deal

The move follows Oracle's recent purchase of Buddy Media competitor Vitruve

By Chris Kanaracus
June 4, 2012 09:51 AM ET
The Web is becoming Social

With $1.2 Billion Yammer Buy, Microsoft’s Social Enterprise Strategy Takes Shape
The Web is becoming Social

$53 Million + $300 Million + $689 Million + $1200 Million

A total investment of

$2,242,000,000 Dollar

into Social Media applications
The Web is continuously growing

Data Warehouse

Big Data

blog.prabasiva.com
21st challenges for Health

Open Science for global sharing of expertise
(3rd world lacking behind & standalone institutions to networks)

Poor Communication & Collaboration
(between teams, disciplines, institutions, care-givers and patients)

Miss-Matching
a.) of labour market and education system
b.) of staff competences to patient needs

Lack of technical knowledge
(to innovate education and workflows)
21st challenges for Health

TEL4Health Opportunities

1. Distance Education Courses
   Blended Learning Scenarios (Distance Education & Simulation based training)
TEL4Health Opportunities

1. Distance Education Courses
   Blended Learning Scenarios (Distance Education & Simulation based training)

2. Open Science
   (Open Educational Resources, Open Access, Linked Open Data)
TEL4Health Opportunities

1. **Distance Education Courses**
   Blended Learning Scenarios (Distance Education & Simulation based training)

2. **Open Science**
   (Open Educational Resources, Open Access, Linked Open Data)

3. **Ubiquitous Computing**
   (Mobile computing, Awareness raising systems)
TEL4Health Opportunities

1. Distance Education Courses
   Blended Learning Scenarios (Distance Education & Simulation based training)

2. Open Science
   (Open Educational Resources, Open Access, Linked Open Data)

3. Ubiquitous Computing
   (Mobile computing, Awareness raising systems)

4. Learning Analytics
   (Extending current LA research with, simulator based data and analytics)
1. Distance Education / Networked Learning
1. Distance Education / Networked Learning
Future Social Learning Networks

Time: 1 – 1.5 years
Future Social Learning Networks

Time: 1 – 1.5 years
Future Social Learning Networks

Time: 1 – 1.5 years
2. Open Science

Open Innovation

Open Data

Open Access
2. **Open Science**

- Open Innovation
- Open Data
- Open Access
2. Open Science

- Open Innovation
- Open Data
- Open Access
Open Science = New insights

3. Ubiquitous Computing
3. Ubiquitous Computing
3. Ubiquitous Computing
4. Learning Analytics
4. Learning Analytics
Learning Analytics

![Graph showing average test scores by school year relative to the entry of a high value-added teacher. The graph indicates a significant increase in average scores when the high VA teacher enters.](image-url)
Learning Analytics

![Graph showing average test scores by school year relative to the entry of a high-value-added teacher. The graph compares the average score in the grade the teacher enters versus the average score in the previous grade.](image)
Many thanks for your attention!

This slide is available at:  
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Blogging at: http://www.drachsler.de  
Twittering at: http://twitter.com/HDrachsler