scenarios for the future

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ICLON - Leiden University
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thanks to Janine Swaak, Telematica Institute, Enschede
this workshop

aims

to reflect on the future use of technology in education
to get more acquainted with some issues and methods of scenario planning

method

introduction, scenario analysis and discussion

outcome

a common (or not so common) view on what 2015 could bring to education
model of growth of IT uses in education

- Computer Based Training
- Single user tools
- Online courses
- Multi-user Digital Learning Environment
- Learning Content Management Systems
- Learning on demand
- Semantic Agents?
- Learning Mall?
- Cybraries?

Time:
- 1990
- 2000
- 2010
- 2020

Substitution → Innovation → Transformation?
Gentlemen!

Don't let hard work kill your wife...

Let Electricity do it.

Contact your Electricity Showroom for details of the Latest Household Appliances.
scenarios

• scenario writing is a methodology in futures research, ‘linking today’s decisions with tomorrow’s possibilities’ Weingand

• ‘definition’ eCornell

• examples of scenarios:
  – Scenarios for Ambient Intelligence in 2010
    ISTAG/european commission community research
  – People and Connections Shell
  – Collection of scenarios AC/UNU Millennium Project
scenarios 2

• different methods for scenario planning
  – often including steps such as
driving forces → uncertainties → matrix →
narratives → implications
  – examples
    • how to build scenarios Lawrence Wilkinson
    • building and using scenarios Shell
    • handbook of knowledge society foresight EC - affiliate
  – literature
    • futures bibliography Association of Professional Futurists
scenario’s with 5T method

- method developed by the Telematica Institute
- the writing of ‘realistic’ scenarios is the base of the method
- five issues: Themes, Targets, Tasks, Tools & Tailoring
- these 5 T’s keep the scenario writing systematic.

http://www.telin.nl
Today Paul is at school to follow lessons in Dutch language, maths, e-technology and English language. His tutor, mr. Lewis, will use part of the morning to confer with a number of managers from companies where students from the school work.

Mr. Lewis opens his PC and logs into the Knowledge Net to begin a video conference session. At exactly 10 o’clock he starts discussing his students progress with mr. Williams and ms. Morgan, two managers of different companies.

In the mean time Paul has started the language training console on his laptop, wireless connected to the schools language server……. etc.
from ‘chaos’ to 5T profile

what are the......
Theme’s
Targets
Tailoring
Tasks
in the scenario’s?

PDA’s
dual learning
work reduction
security
videoconferencing
monitoring
e-work
lifelong learning
better access to information
5T profile

- document management
- videoconference
- email
- multilingual
- flex work & learn place
- targets
- tools
- tailoring
- themes
- tasks
- reporting
- monitoring
- raise motivation
- reduction of workload
- dual learning paths

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<table>
<thead>
<tr>
<th>targets</th>
<th>scenario: ..................</th>
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<td>tools</td>
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course description eCornell:

- scenario planning is a powerful tool for strategic analysis and decision making,
- that enables you to chart a course or optimize how you use your resources when the future is uncertain,
- it gives you the ability to evaluate your organization's strategic position, competencies, and plans for development across a full range of potential future developments,
- this, in turn, allows you to analyze opportunities and risks in a coordinated manner.

http://www.ecornell.com/courses/lsm_503.jsp