scenarios for the future

Henk Frencken,
ICLON - Leiden University
26th of November 2003

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

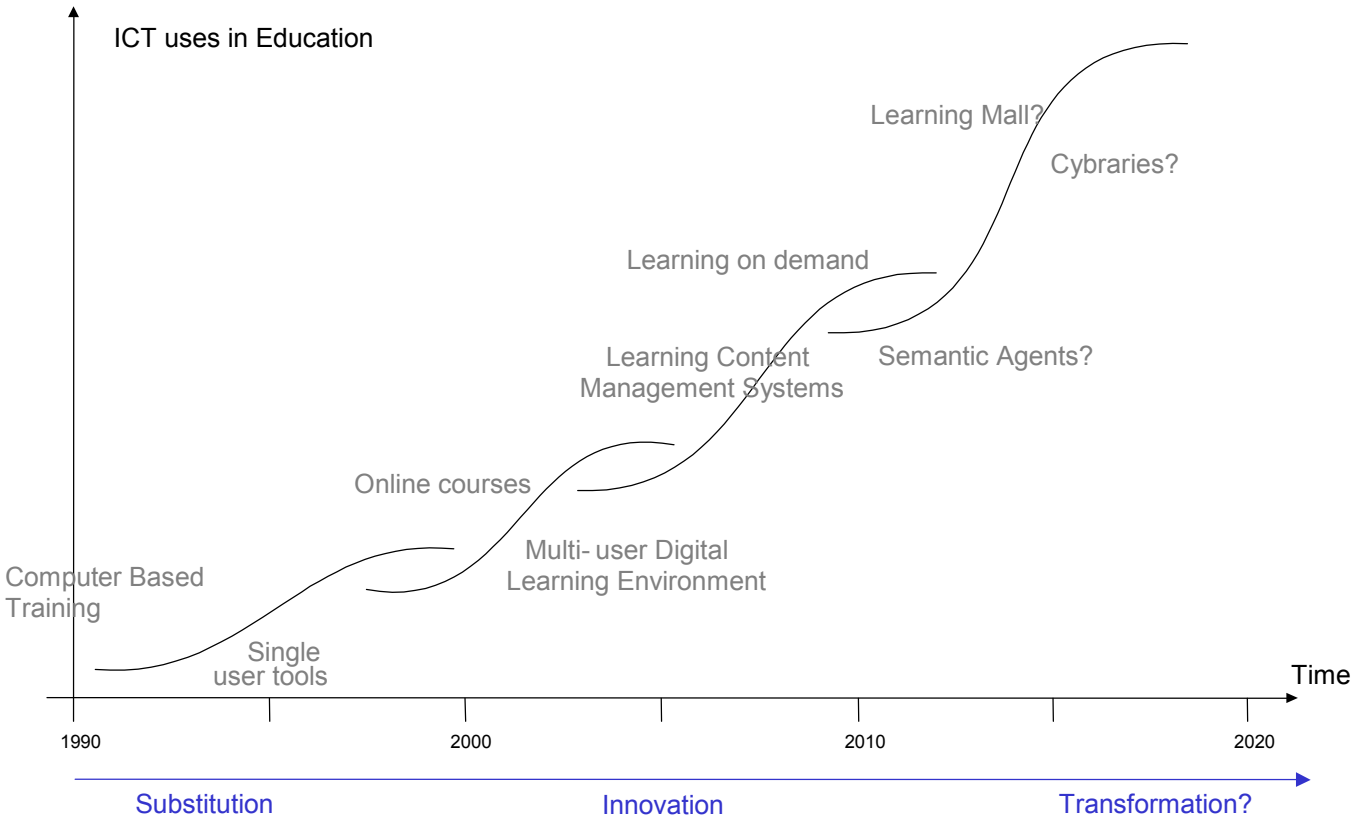
method

- introduction, scenario analysis and discussion

outcome

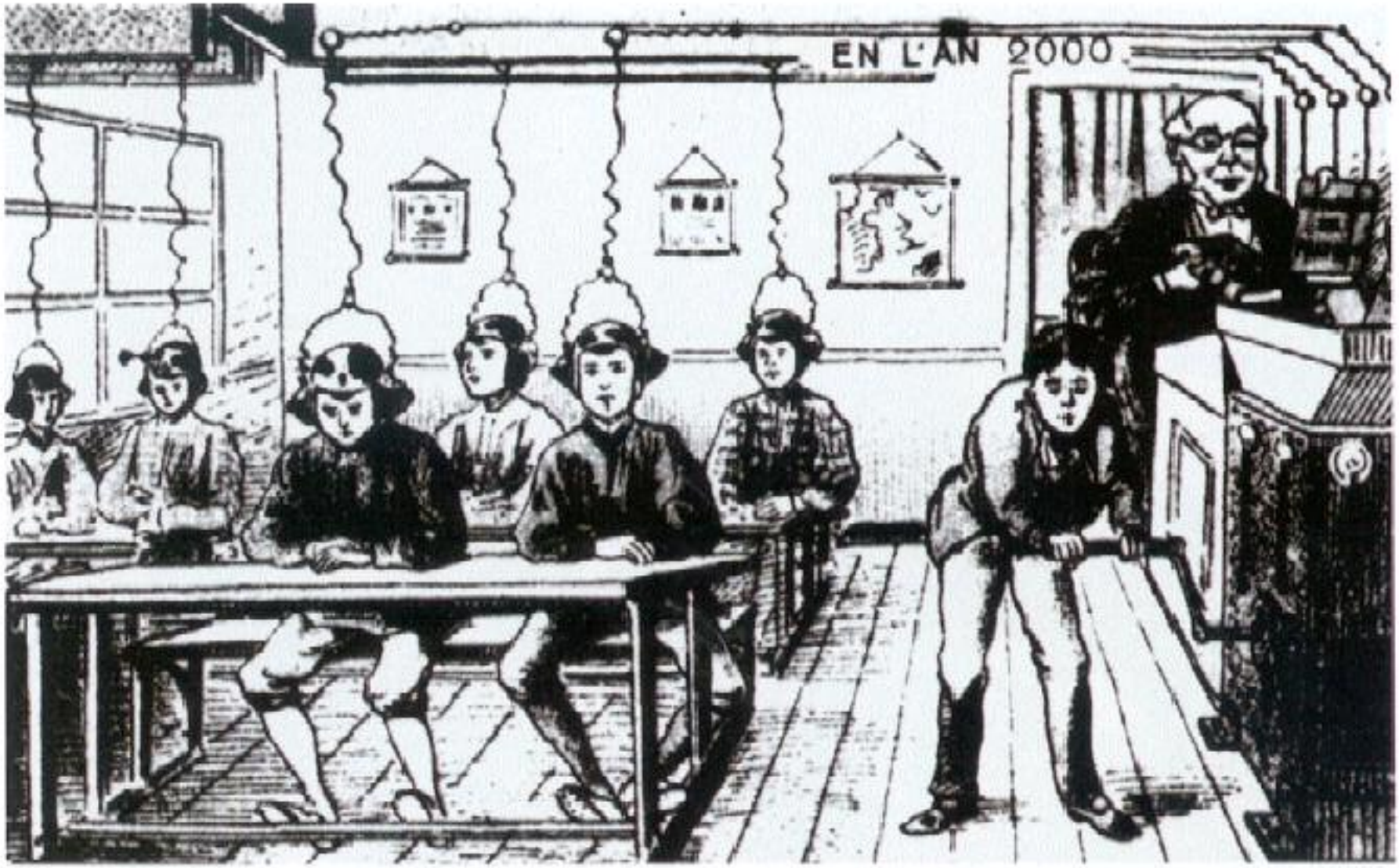
- a common (or not so common) view on what 2015 could bring to education

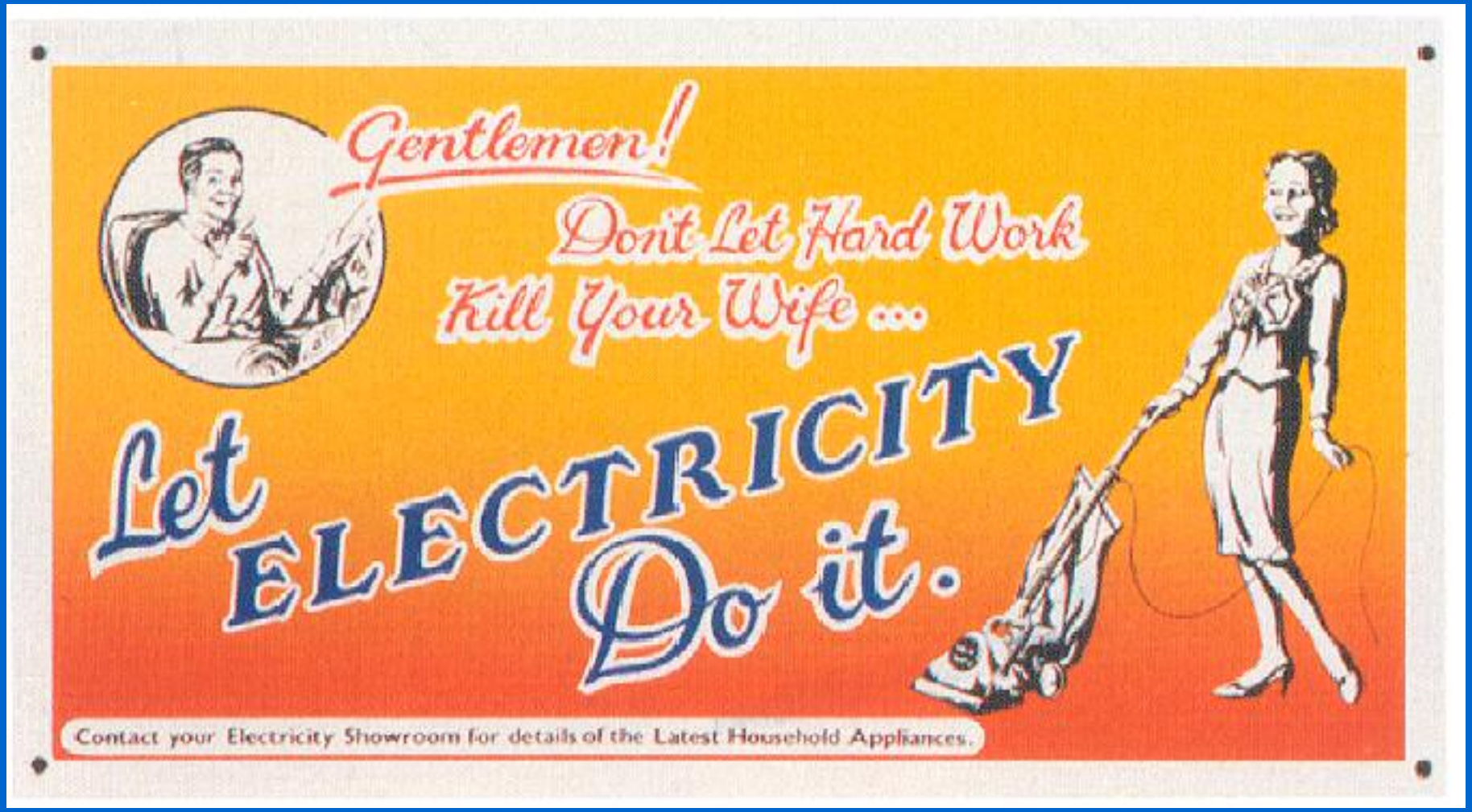
model of growth of IT uses in education



how to study this future?

the future industry is as old as history……


EN L'AN 2000


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.

Telematica Instituut

http://www.telin.nl

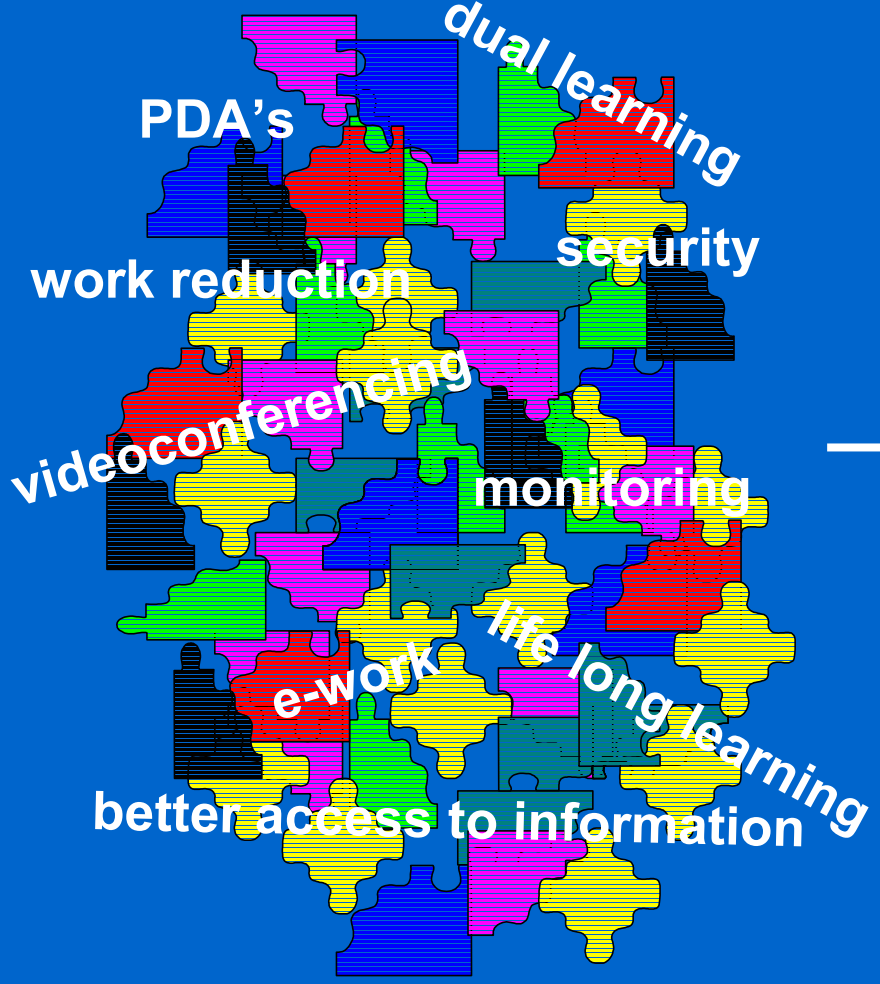
example

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

Tools

Tailoring

Tasks

in the scenario’s ?

5T profile

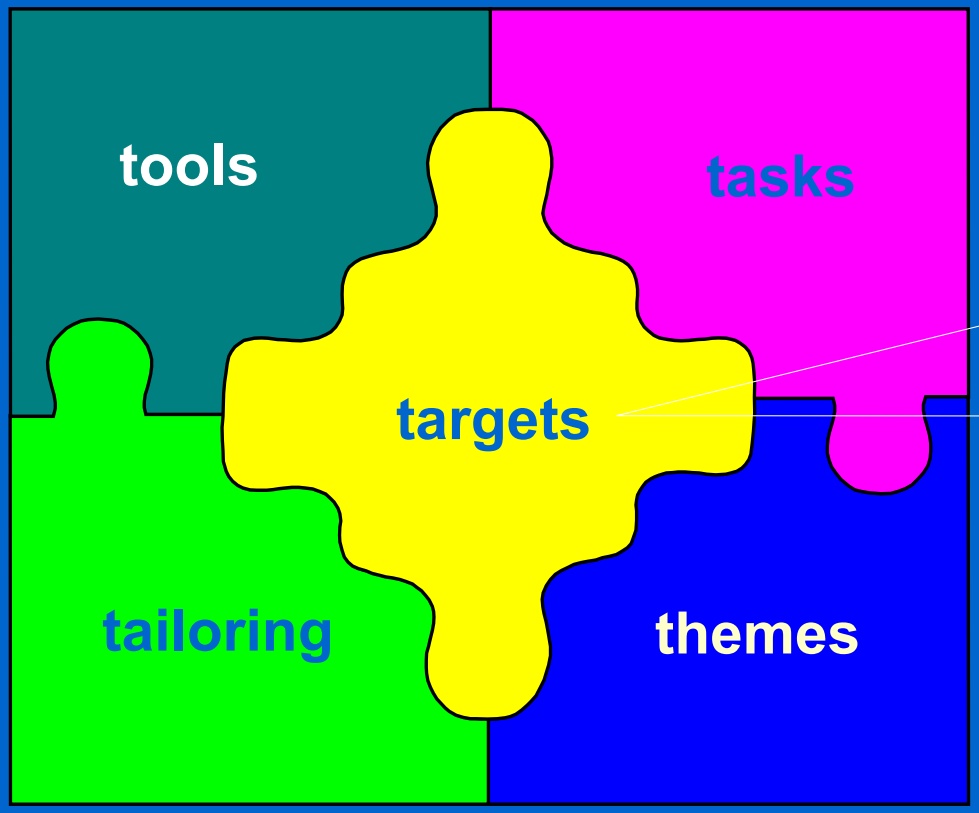
document management

videoconference

email

reporting

monitoring



raise motivation

reduction of workload

multilingual

dual learning paths

flex work & learn place

scheme

	scenario: ……..
targets	
tools	
tasks	
themes	
tailoring	

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

back