Opening the Gates

The consequences of the democratization of IT for education

https://beeldbank.rws.nl Rijkswaterstaat

EUNIS-Rectors 2012, May 24-26, Prague
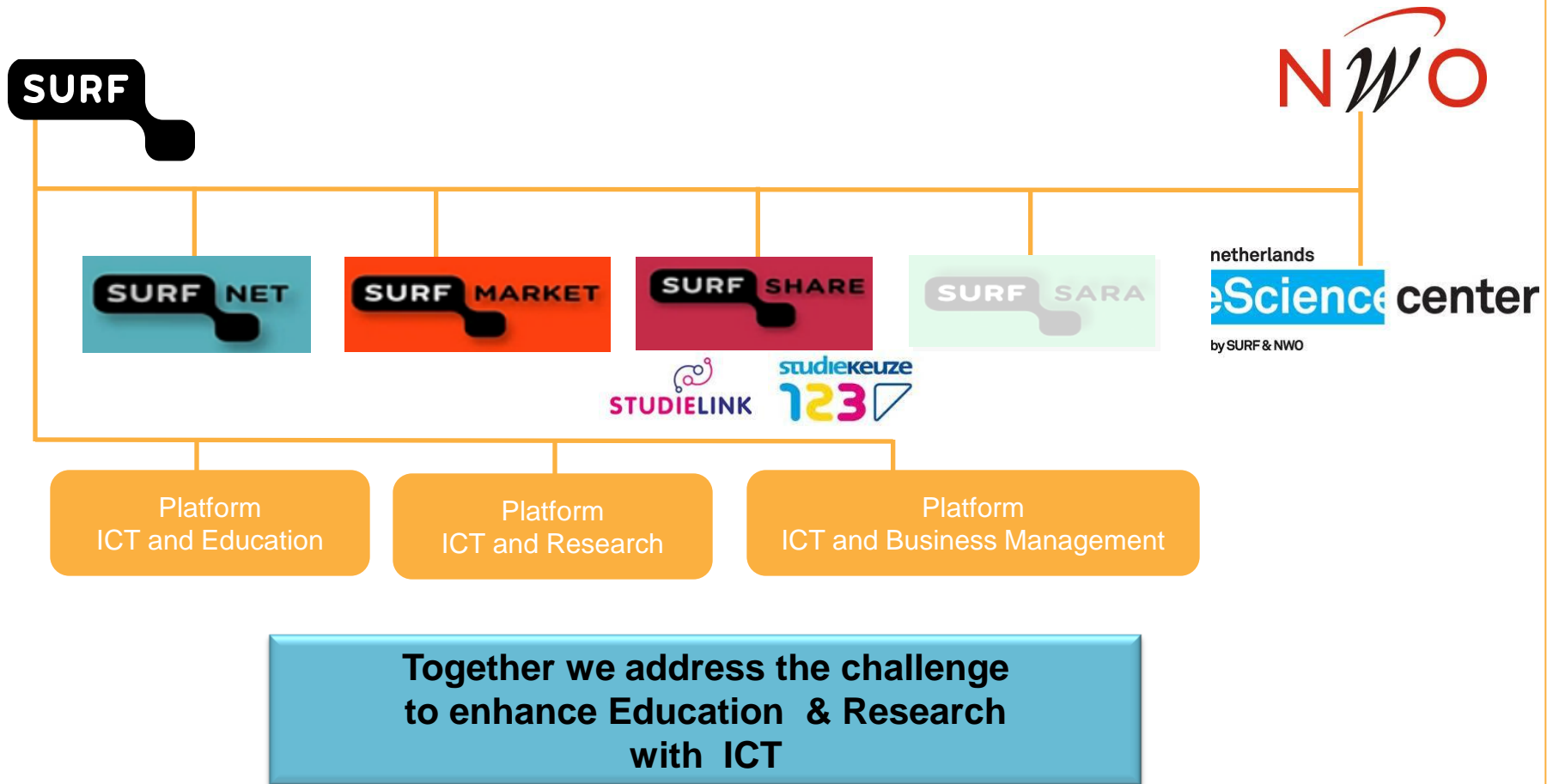Dr. L.A. Plugge, Scientific Technical Council, SURF

SURF

What is SURF?

Initiator and incubator of innovation in (public) higher education and research in The Netherlands.
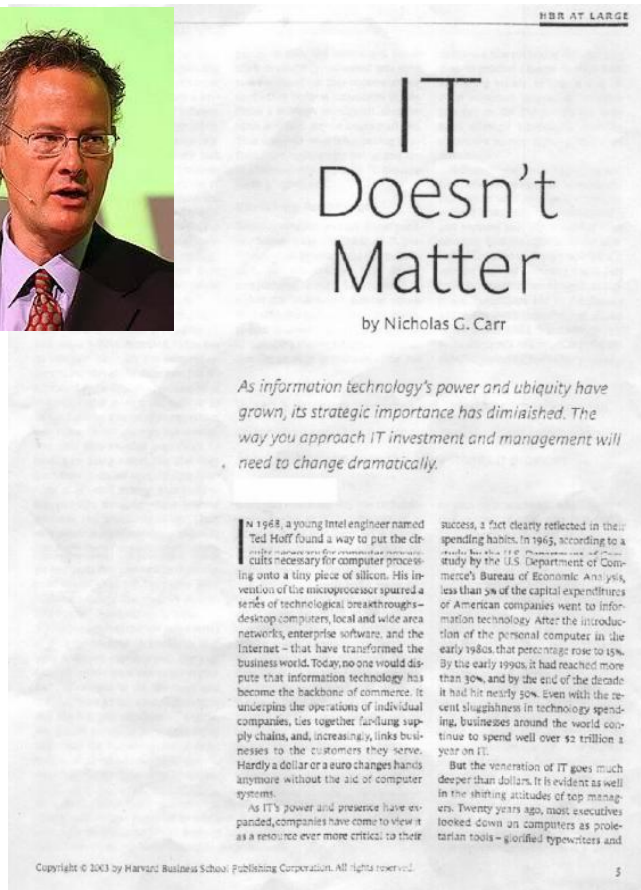
It unites

- 14 research universities;

- 40 universities of applied sciences;

- 8 academic medical centers;

- 7 education & research institutions.

SURF

SURF activities, since 1987

Platform
ICT and Education

Platform
ICT and Research

Platform
ICT and Business Management

**Together we address the challenge
to enhance Education & Research
with ICT**

So, what are these challenges?
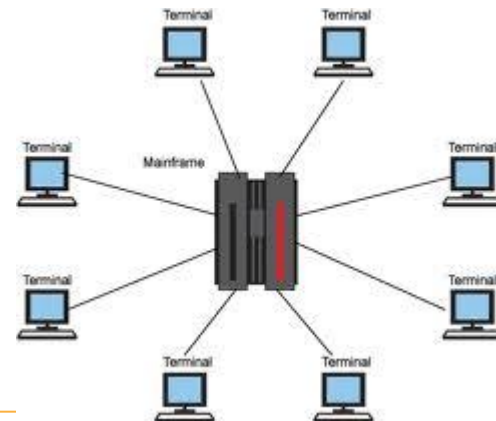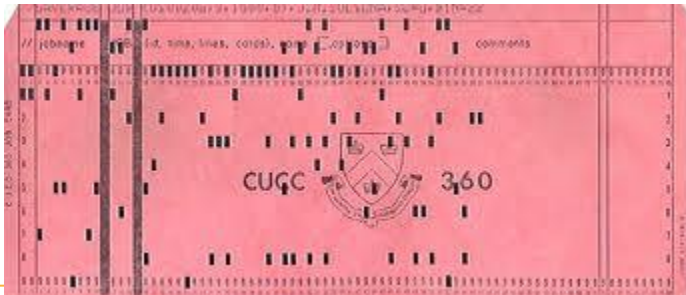

May 2003

January 2009

Only recently, IT was for the happy, nerdy few
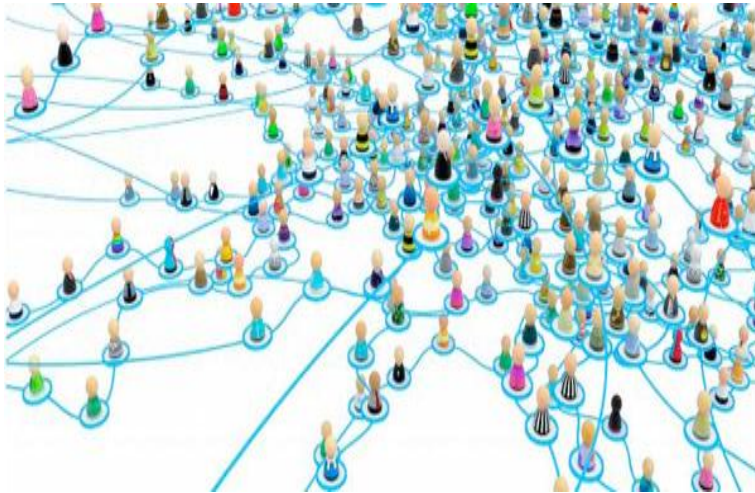

IBM System/360, 1964
64K memory
>$133,000

Data terminals in the 70's

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Now, IT is for (almost) everyone, everywhere, anytime

We went from isolation to connected

Applications are everywhere

Information is everywhere

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We get our services anywhere from the cloud

But not from our institution

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Top 10 Learning Tools 2011

Rank	Application
1	**Twitter** (Microblogging tool)
2	**YouTube** (Video sharing site)
3	**Google Docs** (Off...
4	
	...nching software)
	Prezi (Presentation software)
8	**Moodle** (Course management system)
9	**Slideshare** (Presentation sharing site)
10	**(Edu)Glogster** (Interactive poster tool)

All but one offered (for free) through the cloud and only two made for education

Centre for Learning & Performance Technologies 2012
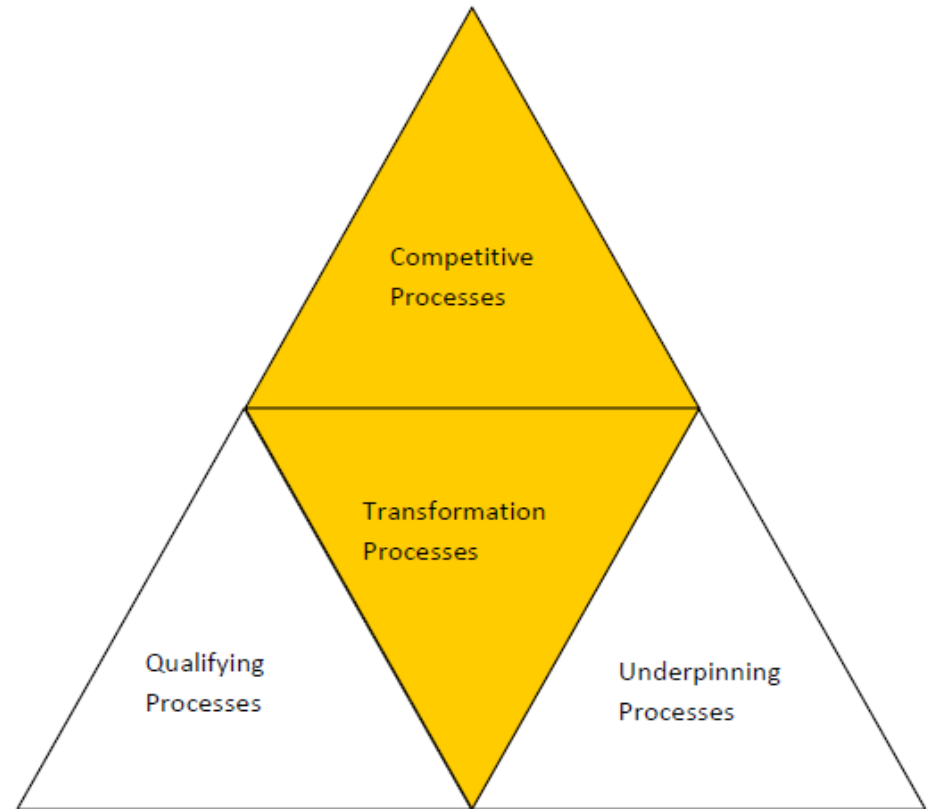
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There's a radical shift going on

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IT matters more than ever – but differently

It is high time to <u>rethink</u> which services a higher education institution <u>should</u> provide, <u>why,</u> <u>how</u> and <u>for whom</u>

Edwards, C. & Peppard, J., 1997

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'Reinventing the Ivy League'

By Dan Primack, CNN Money, April 3, 2012

Can an online, for-profit university become education's gold standard?

The **Minerva Project** (CEO Ben Nelson)
"the first elite American university launched in a century"

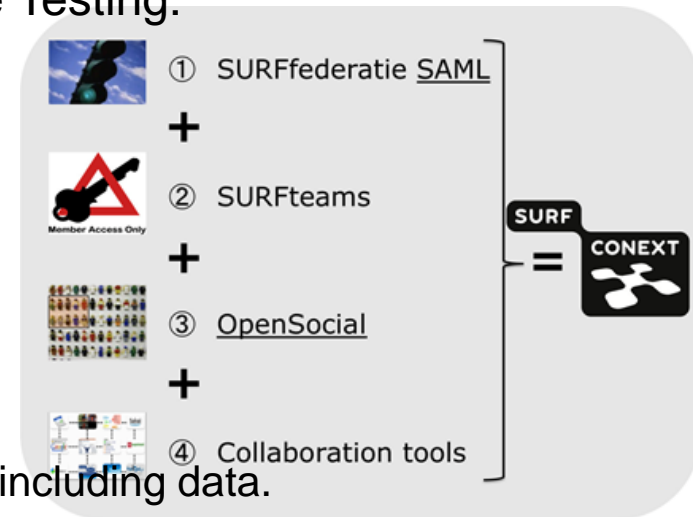'Not elite cost, but elite criteria for admission'

- academically-rigorous admissions criteria;
- online courses with limited class sizes;
- reinvented teaching responsibilities;
- global campuses;
- significantly lower tuition than traditional institutions of higher learning

Will it work?
Maybe, maybe not, but see it as a wakeup call for the rest of us.

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Example steps taken by SURF

- SURFfederation:
  - access external information and services with your institution credentials.
- SURFconext:
  - Portal to internal and external services and information;
  - Form teams to collaborate;
  - Access collaboration tools.

- National infrastructure for Digital Online Testing:
  - Sharing test applications;
  - Sharing test item banks;
  - Sharing author tools for testing.
- Developing sourcing strategies:
  - Conditions, agreements, privacy, etc.
- Collaborative Procurement of Services;
  - Document sharing.
- Open Access:
  - Support for Open Access publications, including data.

① SURFfederatie SAML
+
② SURFteams
+
③ OpenSocial
+
④ Collaboration tools

SURF CONEXT

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Remember, they choose with their feet and leave you with underused expensive facilities!

Don't sell ice when people have refrigerators

Open the gates to integrate the outside world.
Reorganize and reprioritize traditional structures, facilities and services.

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