

ICT4D

~ Double-edged swords ~



Unlike IT and ICT, where the main focus is on what *is* and what *can* be achieved, ICT4D is about what *should* be done and *how* we should do it.

Freeplay Foundation



[For a radio not to be rote-learning]...is dependent upon a central team of educationalists to design content for the daily radio broadcasts, and a mentor in each community to gather the children and facilitate the local learning environments...

<http://www.youtube.com/watch?v=pqE9vheaGZk>

<http://www.freeplayenergy.com/aid-and-development/case-studies>



Telecentre 2.0

...more than 100.000
community
computing centres
have been set up
around the world...

...these centres, with
their combination of
computers,
connectivity and
community space,
can be used to do
amazing things...



Greenstone

The aim of the Greenstone software is to empower users, particularly in universities, libraries, and other public service institutions, to build their own digital libraries.



Afghanistan Centre at Kabul University
مرکز منبع معلومات افغانستان در پوهنتون کابل
ACKU website

ACKU Library Catalogue

Search in for of the words

Return up to hits with hits per page.

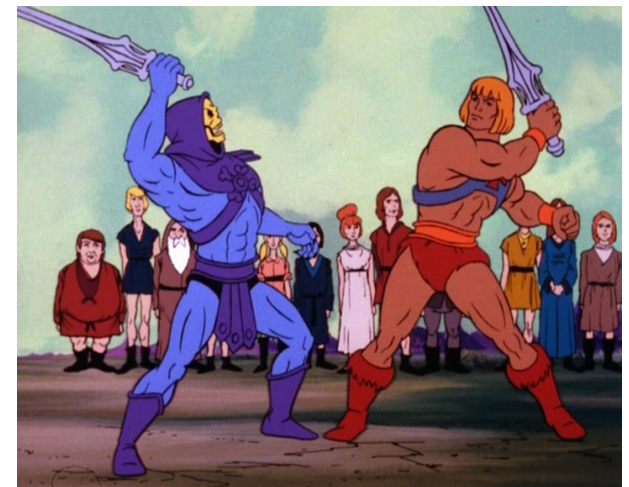
Video dokumentation

- "Nigerian police killing at will, says Amnesty"
- Nigeriapolicewatch.com
- Boko Haram drab:
 - <http://www.youtube.com/watch?v=T1hc1zKnLr0>



ICT4D

- Teknologi er et to-sidet svær – vi skal sikre det bruges til **empowerment**
- **MEN:** Too few ICT4D initiatives have yet proved to be successful or sustainable
 - We know little of this because of no monitoring and evaluation
 - Vi skal være kritiske, siger Unwin



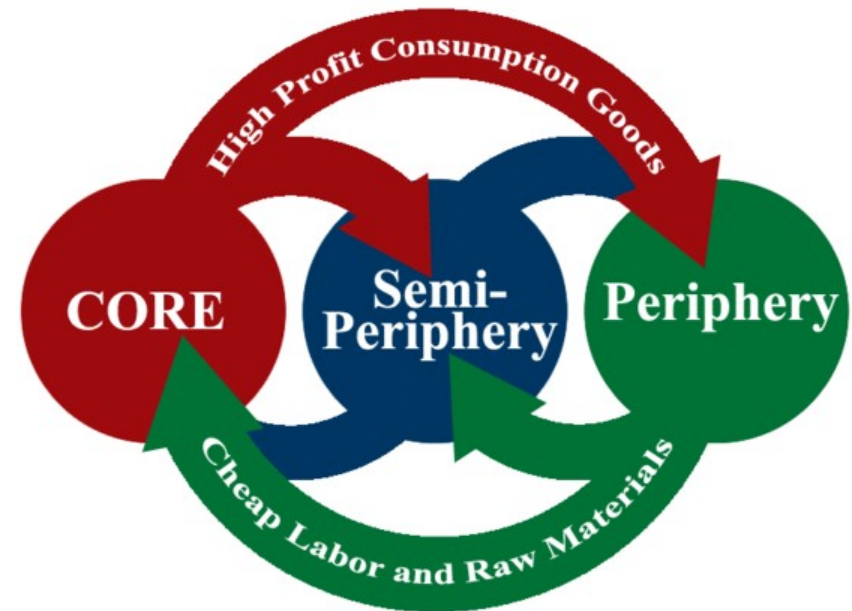
ICT4 Development

- Fra 1991: liberal demokrati og økonomisk vækst
- MDG nr. 8: In cooperation with the private sector, make available the benefits of new technology
- **Development** = økonomisk afskaffelse af fattigdom
vs.
- **Empowerment** = "something much more subtle, culturally shaped and socially relevant"



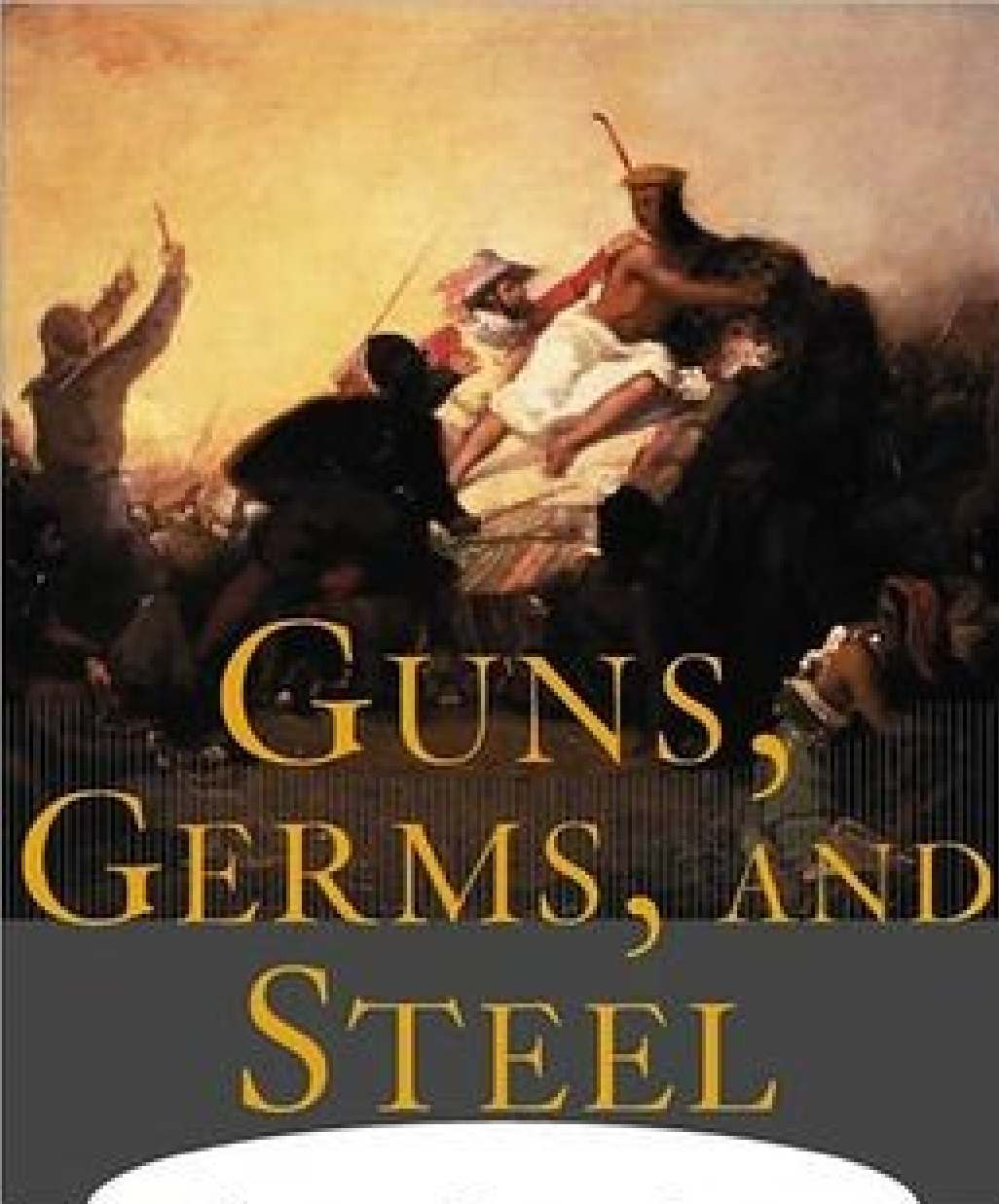
ICT & Globalisation

- 1990s: Fra 3 forskellige verdener til "interconnected worlds"
- Capitalist needs over the past 500 years (Wallerstein's World System Theory)
- Globalisering er dog ældgammel, og det er ICTs rolle også



Wallerstein's World System Theory Model

Lars Bø Andersen – iarsbo@iarsbo.org

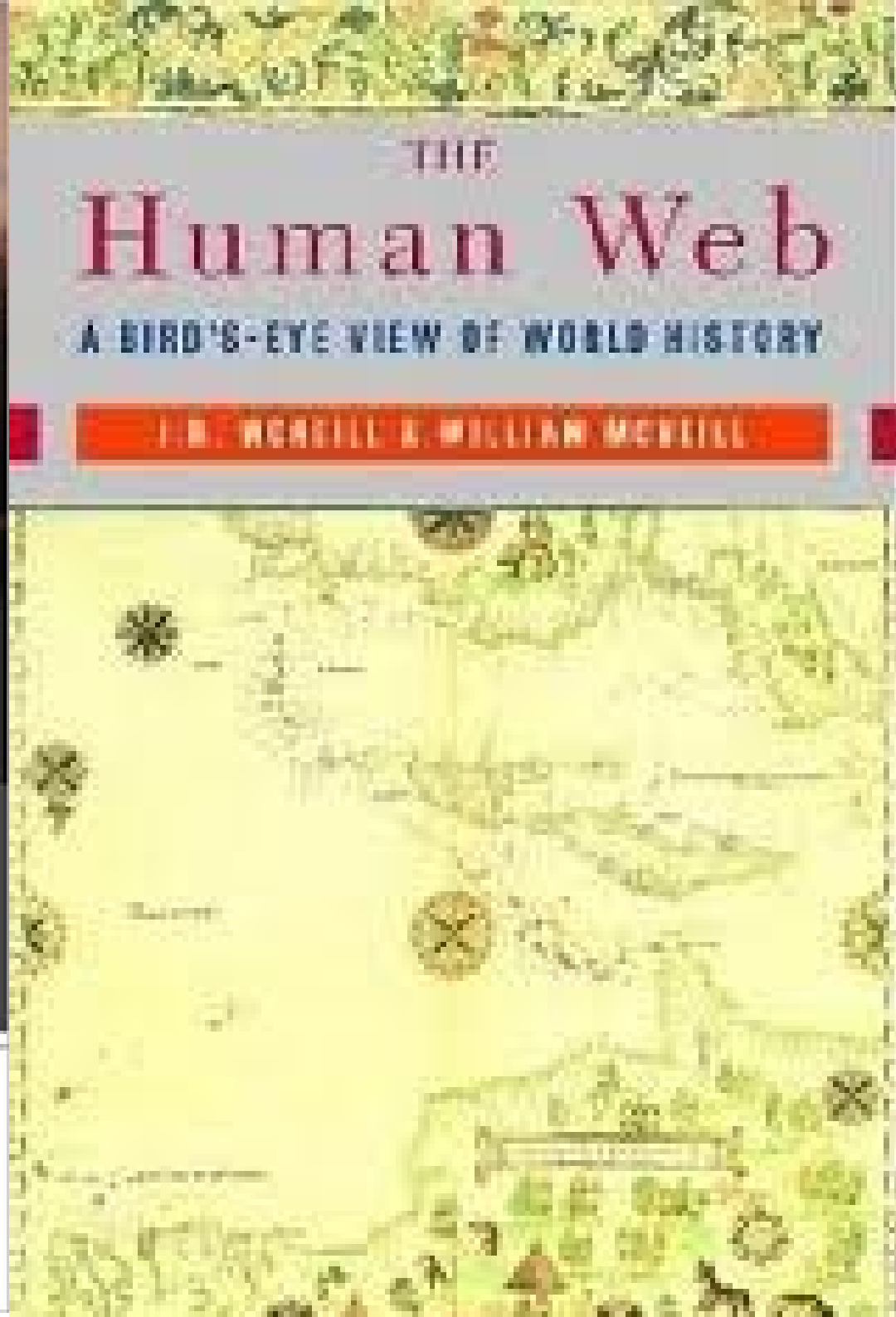


GUNS, GERMS, AND STEEL

The FATES of HUMAN SOCIETIES

JARED DIAMOND

AUTHOR OF THE THIRD CHIMPANZEE



THE Human Web

A BIRD'S-EYE VIEW OF WORLD HISTORY

J. B. WOODILL & WILLIAM MCWILL

Knowledge ICT & Inf/Knowledge Societies

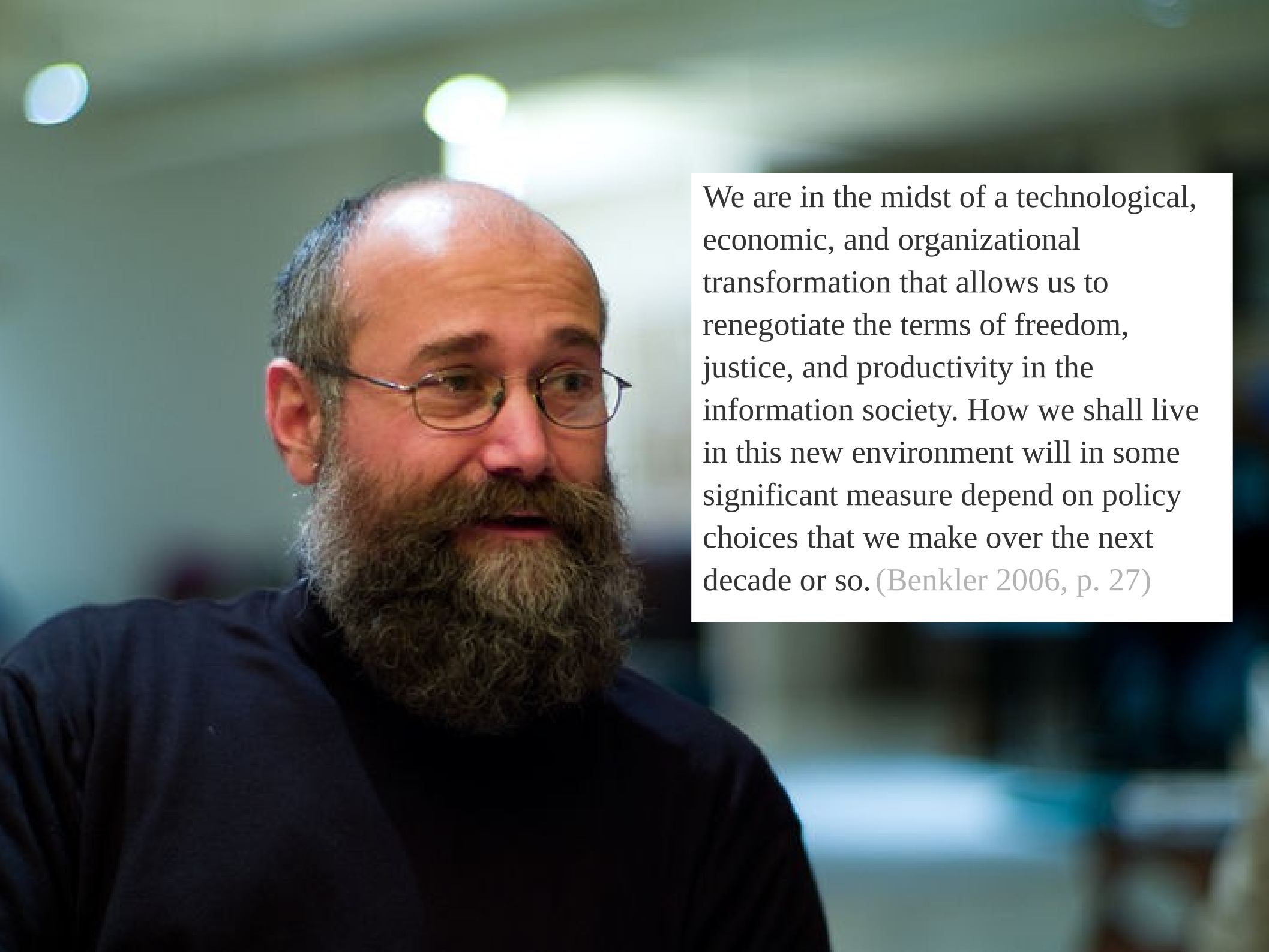
- Manuel Castells: a point of historical discontinuity
- Skel mellem **knowledge** <> **information**
 - **Human focus** <> **Tech focus**
 - Link til adgangs-problematikken
- **knowledge-sharing communities** <> **Global control and profit**
 - ICTs and commoditisation of knowledge (patenter, crowdsourcing, pay-with-your-data business models)
- **Tragedy of the (digital) commons**

The Google logo is displayed in its characteristic multi-colored font (blue, red, yellow, blue, green, red) with a trademark symbol. It is positioned in the lower right area of the slide, partially overlapping the text 'Who is really empowered by information?'.

Google™

Who is really empowered by information?





We are in the midst of a technological, economic, and organizational transformation that allows us to renegotiate the terms of freedom, justice, and productivity in the information society. How we shall live in this new environment will in some significant measure depend on policy choices that we make over the next decade or so. (Benkler 2006, p. 27)

Political friction

- Dependency vs. Convergence?

There is a very real tension between the arguments of those who see ICTs as being a means whereby poor countries and people can catch up with the economic successes of their richer neighbours, and those who advocate the need for the rich to remain competitive in the global knowledge economy.



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ICTs

The poor

Oppressive techno-agency

Empowering techno-agency

The real issue with which this book seeks to grapple is whether it is actually possible to use ICTs effectively to help transform the lives of poor people and marginalised communities **despite** the global interests that seek to maintain competitive advantages and thus digital divides at a range of scales. (Unwin: 26)

ICT4D Teknologisyn

- Unwin nævner 3
 - Social og økonomisk forandring skaber teknologi
 - Teknologi skaber social og økonomisk forandring
 - Teknologi er neutral
- Han har også et selv

...although technology has been used by elites throughout history to reinforce their status, and is therefore not something that is in any sense neutral, we should nevertheless allow for the possibility that new ICTs might also be used to enable the poor and marginalised communities to change their lives. (Unwin: 30)

