Winnet BSR Conference
Gender, ICT, Innovation
BTH campus Karlshamn 2015 09 24

Conditions for innovation (innovation system)
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Feminist Technoscience

(?)

Why feminist technoscience foster
mode 2 processes necessary
in innovation / innovation system development

Innovation *is the collective bet on a common fragile future and no side, neither science nor society, knows the secret of how to cope with its inherent uncertainties.*

It has to be done in some sort of alliance and a sense of direction which is shared.

Helga Nowotny 2005

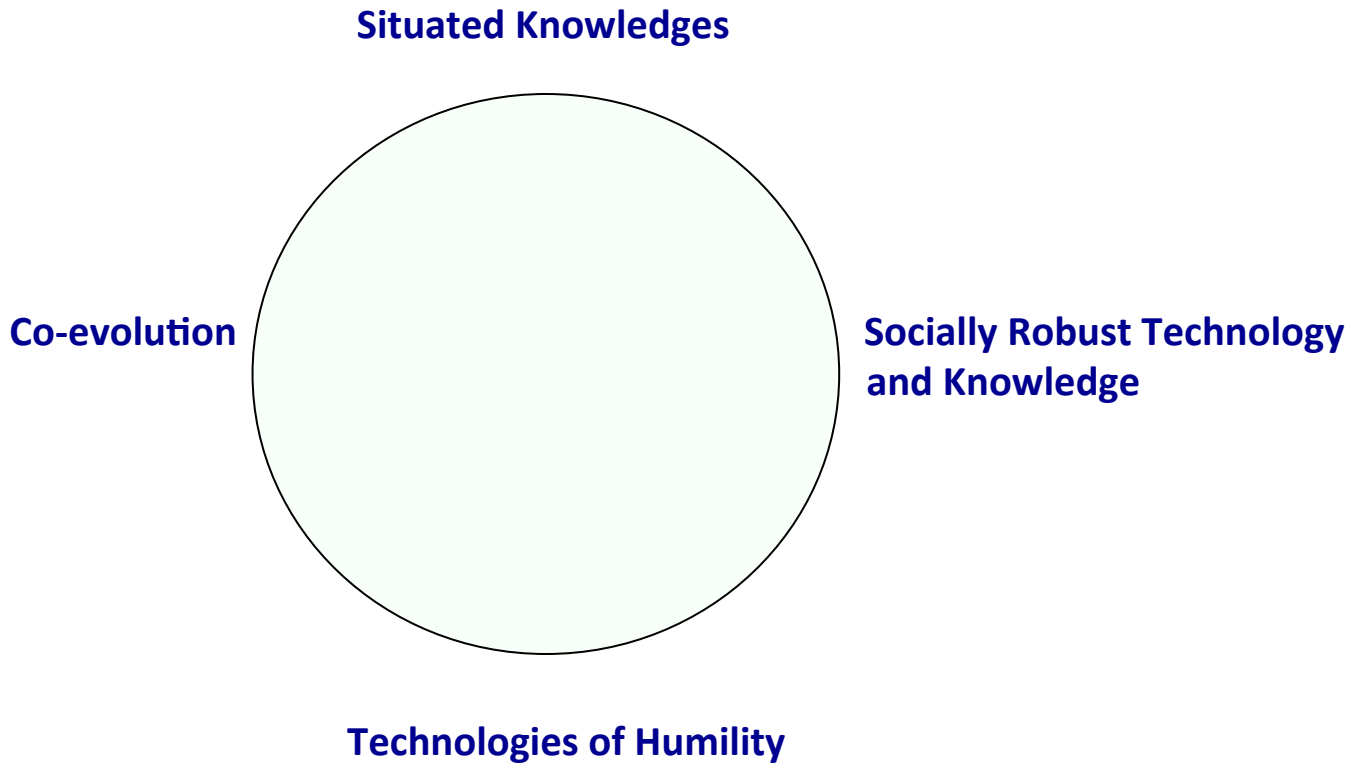
Trust
Relevance in Society

The term **innovation** can be defined as something original and more effective **in use** in the market or in society.

An innovation system

is a network of organisations, people and rules for creation, dissemination and innovative use of knowledge (not only of technical character)

Feminist Technoscience and Innovation



A broader and deeper understanding of innovation and innovation systems focusing not only on the market economy context but on relevant societal contexts and challenges.

Feminist Technoscience developed at BTH (profile applied ICT)

at Technoscience Studies

Research Division at Department of Technology and Aesthetics

Started at BTH 1998
Research Bill of the Swedish Government 96/97

PhD program Technoscience Studies since 2000 - 2015

Postgraduate degrees awarded so far

15 Licentiate of Technology
16 Doctorate of Technology
8 PhD students still active

Feminist TechnoScience

Some key concepts

Reality Production (worlding)
co-evolution

Situated Knowledges
provide alternatives to "… developing at home that voice of entitlement, the voice of control, that accompanies the conquest of empires far from home" (Donna Haraway)

Accountability / Responsibility
No innocent positions exist

Learning processes / Technologies of Humility
Open minds in 3H / 4H processes
Asses the unknown, uncontrollable
Be with the trouble

point to
Socially Robust Technology R&D&I

Feminist Technoscience within Engineering Science

Perspectives from ***within*** is a central condition

Technology is not neutral. We're inside what we make, and it's inside us.

We're living in a world of connections – and it matters which ones get made and unmade.

Donna Haraway 1997

Research Division of Technoscience Studies participates in developing

a new university campus within the frame of the Triple Helix organization NetPort – BTH campus Karlshamn

NETPORT KARLSHAMN

www.netport.se

BTH campus Karlshamn 2000

Kitchen cabinet

NetPort.Karlshamn 2000

NetPort Science Park 2009

An innovation system in practice jointly owned by municipality of Karlshamn, BTH and profiled business sectors.

Co-evolution

Co-evolution processes are important,
where relevance and application / implication context
compose keystones.

Co-evolution - a frame of understanding

WHAT? *3H / 4H Helix Processes*

HOW? *Mode 2*

HOW? *Mode 2* (Gibbons et al., Nowotny et al.)

How to get the main actors to collaborate?

There are no easy recipes.
Challenges in the Helix Processes

Mode 2 characteristics

- ***context of application***
- ***trans-disciplinarity***
- ***much greater diversity of sites of knowledge production***
- ***highly reflexive / accountability***
- ***novel forms of quality control***
- ***socially robust knowledge***
- ***context of implication***

Feminist Technoscience characteristics

- ***Situated knowledges***
- ***Reality production (world production)***
- ***Distributed knowledge production / Co-evolution***
- ***Accountability / Responsibility (respons-able)***
- ***Technology of Humilities***
- ***Cyborgs / Companion species***

> **Shared Alliance**
> **Shared Direction**

It matters what concepts we think to think other concepts with.
It matters what thoughts we think thoughts with.
It matters what stories we tell to tell other stories with.
It matters what stories make worlds, what worlds make stories.

(Donna Haraway 2010, 2011)

Change@Campus Karlshamn
Our Story

Culture, Norms and Gender at Blekinge Institute of technology

www.bth.se/tks/teknovet.nsf/

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