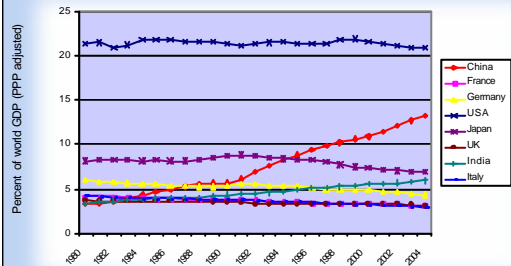


# Science, Technology and Innovation on the Road towards European Revival

Thomas Andersson

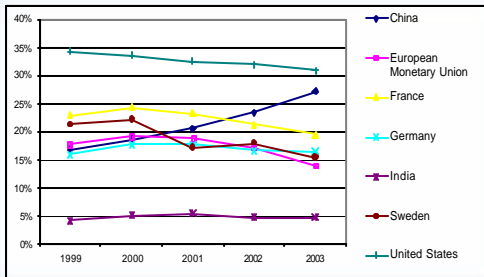
November 7-8 2005

## Shifting weights in the world economy



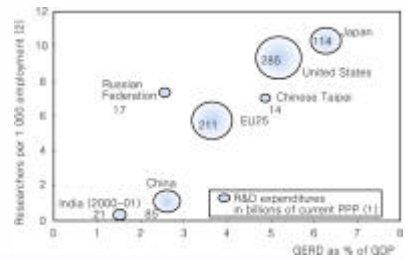
Source: IMF World Economic Outlook (WEO) database

## High-technology exports in percent of manufactured exports, 1999-2003, percent



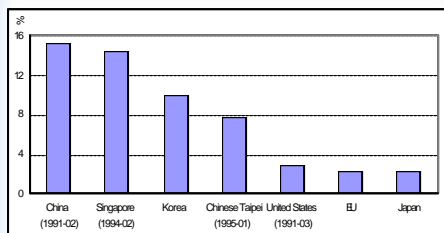
Source: WDI database

## R&D in the OECD and non-OECD area, GERD in million USD, 2003



Source: OECD STI Scoreboard 2005

## Growth of R&D expenditure, annual average growth rate 1991-2001, percent



Source: OECD, MSTI database

## Abandoning the linear model



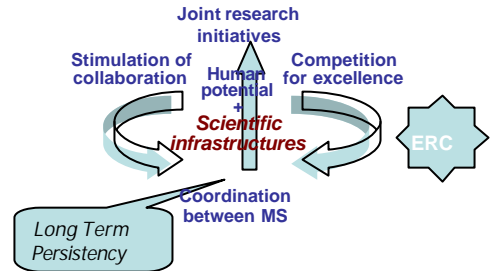
Source: IKED

## Cluster dynamics and linkages: cooperation and competition



Source: KED (2003)

## FP7 (2007-2013) strategy strengthening the long-term basis for R&D (infrastructure)



## RI: proposed EC criteria

Complementary to ESFRI

### Excellence:

- relevance at international level; capacity to offer a top-level service to scientists;

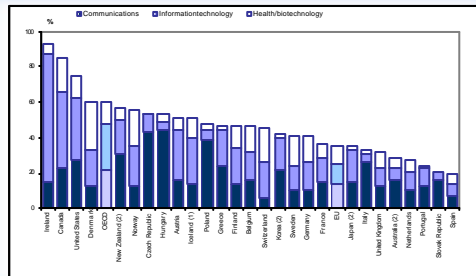
### Impacts:

- added value of EU support (catalysing and additionality effect); RI impact on ERA as well as on EU sustainable development;

### Implementation:

- adequacy of the preparatory phase; life-cycle costs evaluated; commitment of stakeholders; quality of management.

## High-tech venture capital as a percentage of total venture capital investment, 2000-2003



(1) 2000-2002  
(2) 1998-2001

Source: OECD, Science Technology and Industry Scoreboard, 2005

## Gap to be covered by seed funding

