

The Swedish Research System



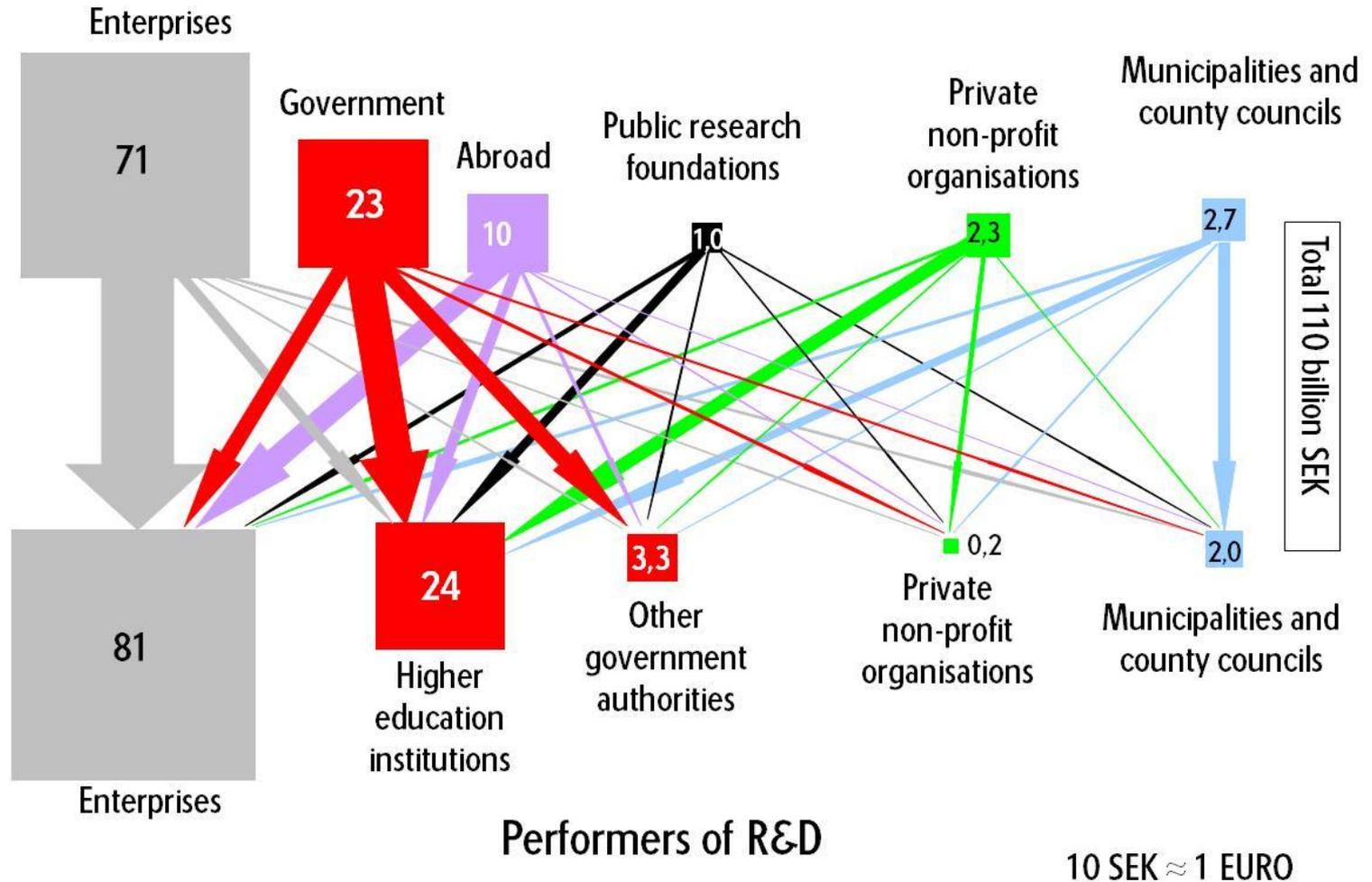
Vetenskapsrådet

Professor Pär Omling
Director General
The Swedish Research Council

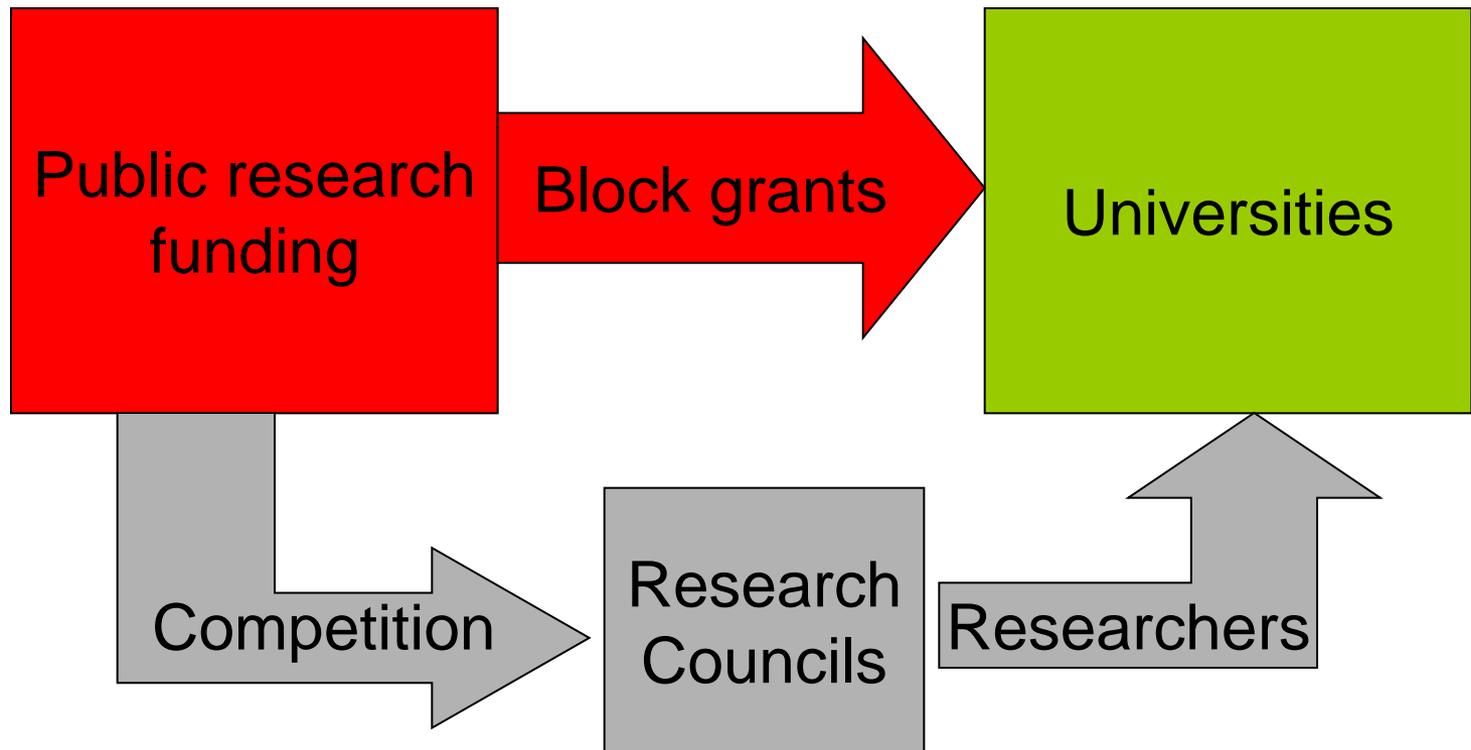


Research financing in Sweden

Sources of funds for R&D



Research financing in Sweden



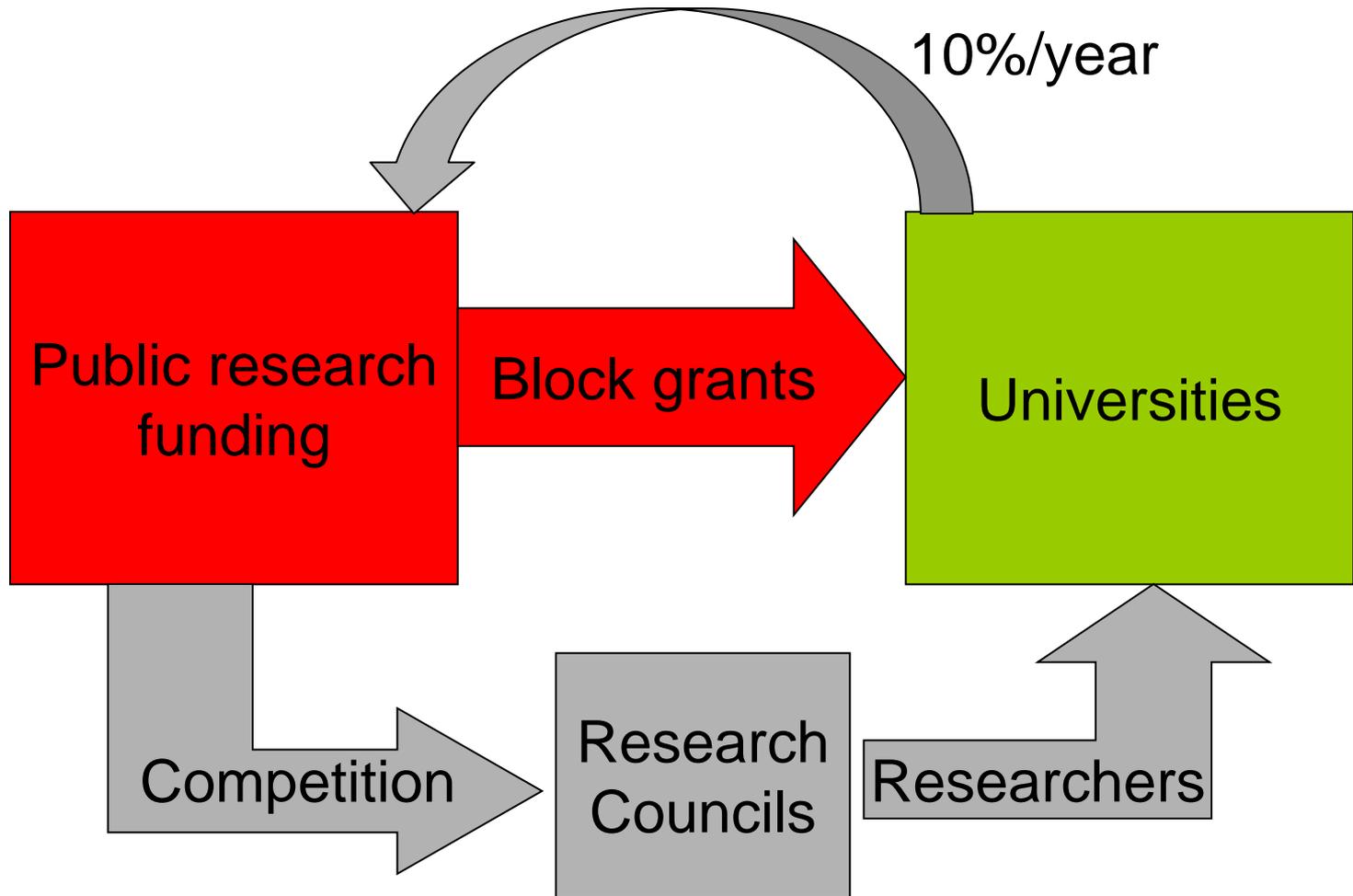
Research financing in Sweden

- The last 15 years
 - Doubling of higher education units (today 39)
 - Doubling of students (today 295 000)
 - More than doubling of PhD exams (today 2737/year)
- Not fully financed
 - How to add money and simultaneously increase quality?

Research Bill 2009 - 2012

- Block funding to HEI in competition
 - 10% of HEI budget
 - Based on performance (citations & external income)
- 24 Strategic areas
 - Gov. selects based on advice
 - HEI applies to RFOs who evaluate
 - Gov. decides and finance

How to increase excellence in Swedish science

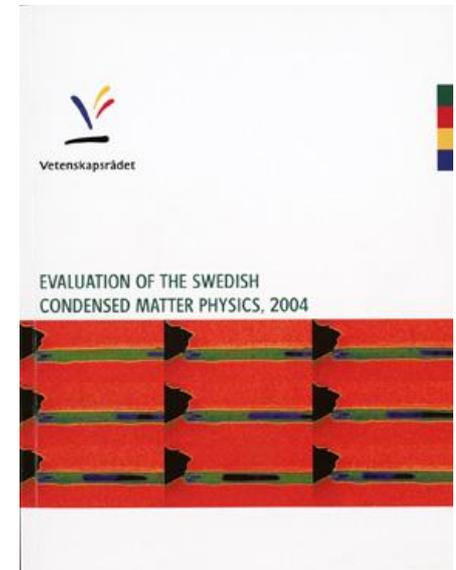
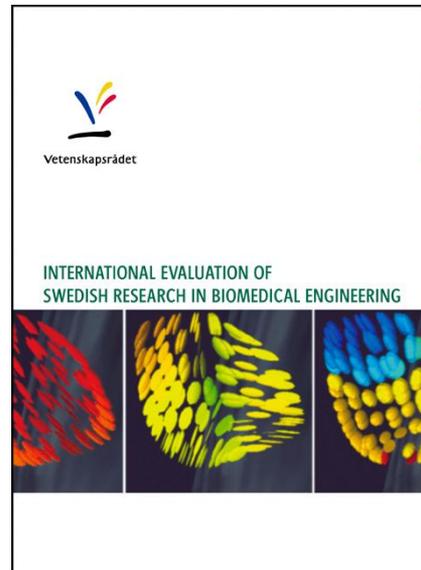
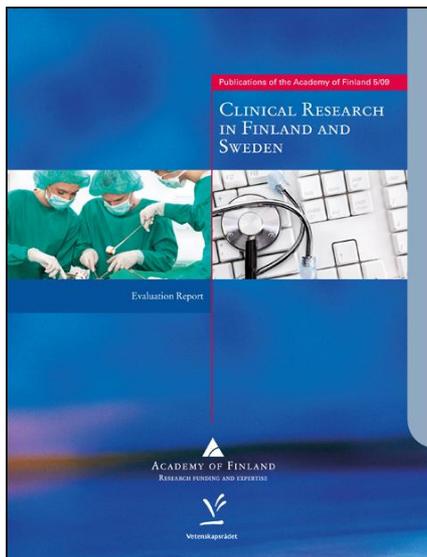


Research Bill 2009 - 2012

- Block funding in competition – Citations
 - All citations during a 4 year period
 - Normalized to publication and citation traditions and trends within different research fields
- Block funding in competition – External funding
 - Total amount of external funding to HEI
 - Weighting of the different disciplines
- RAE of Swedish universities?

Research areas

- Purpose
 - Quality of Swedish research
 - Recommendations for future research funding
- Evaluation Process
 - International evaluation panels
 - Joint evaluations with other RFOs



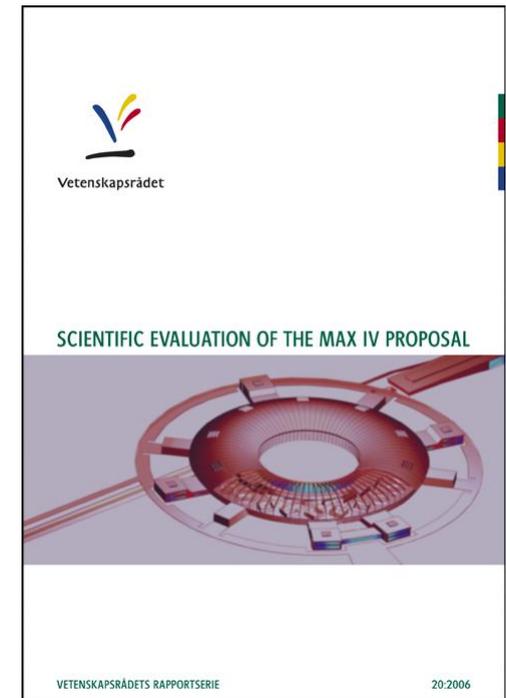
Biomedical Engineering

- Outcome & Recommendations
 - Research must extend beyond the “classical” areas
 - Young scientists!
 - 7 priority areas
- Action from RFO:s
 - Strategic research initiative
 - 81million SEK program (5 years)



Research Infrastructures

- Periodic reviews of National Facilities
- Basis for the decision of further funding



Evaluation of National Facilities

SRC



MAX

SL

Onsala

MSL

RAE by Swedish Universities

- Uppsala University - 2007
- Royal Institute of Technology - 2008
- Lund university - 2008
- Swedish Univ. of Agricultural Sciences - 2010



END