

Promoting Excellence

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Vetenskapsrådet





Excellence in Science

– what has to be excellent?

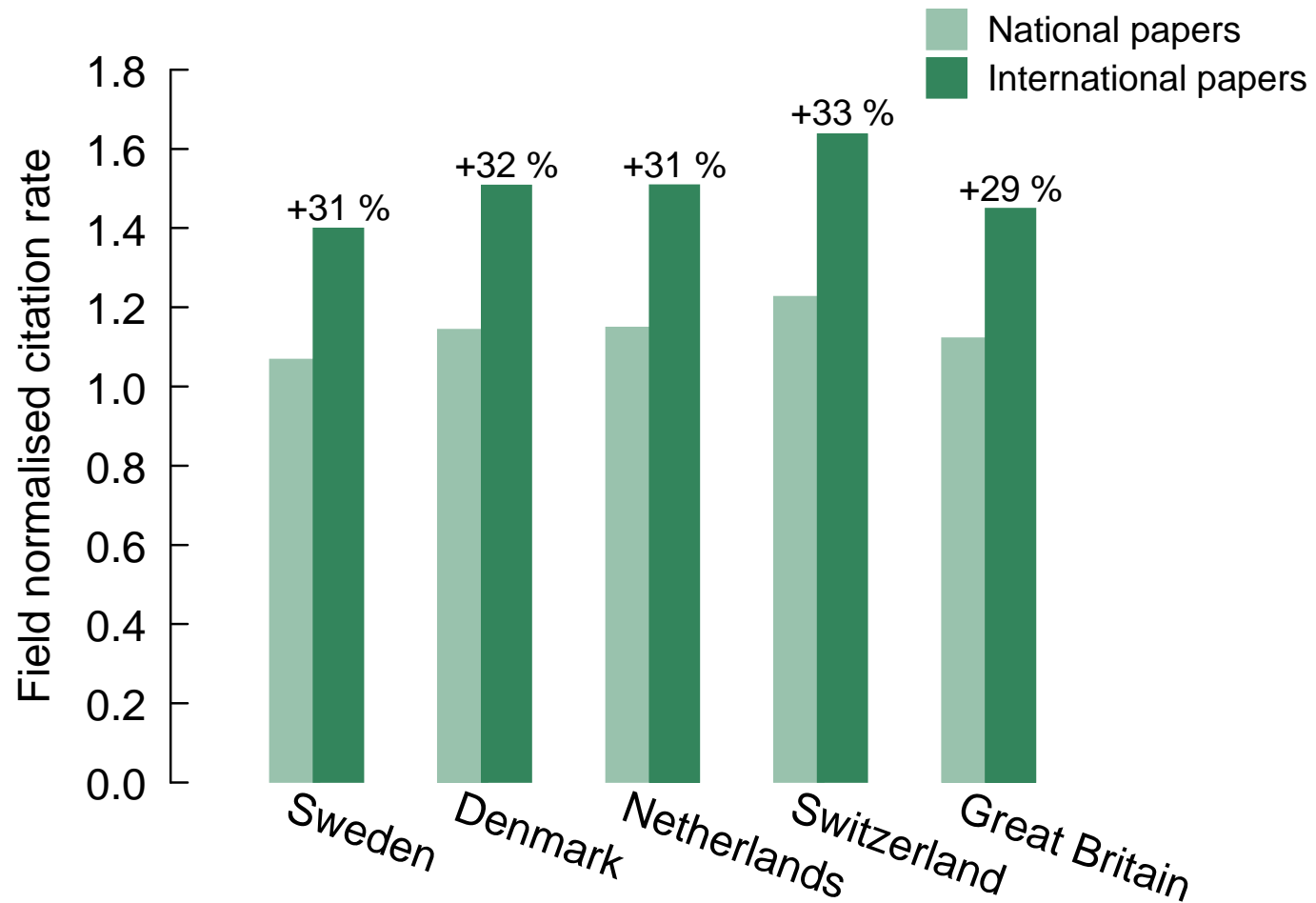
- Scientist
- Group
- University or Research Performing Organization (RPO)
- Research Funding Organization (RFO)
- Infrastructure
- Political system

Excellent scientist

- Scientist
 - Intelligent
 - Creative
 - Good judgment
 - Well educated/trained
- To use the full potential of the scientists
 - Competition
 - Freedom
 - Long term financing
 - Stimulating and challenging environment
 - International collaboration

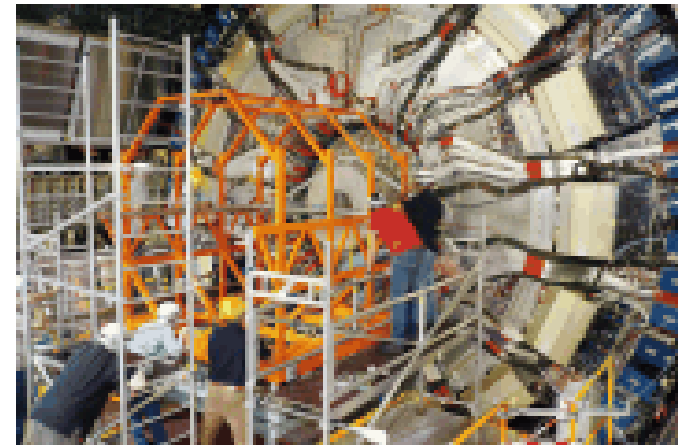


Citation of nationally and internationally produced papers (articles & reviews)



Excellent Groups

- Organization
- Leadership
- Clearly defined career system



Excellent Universities and RPOs

- Well funded
- Leadership
- Strategic goals ⇔ priority setting
- Transparent career tracks
- Internationally attractive
- Bridge science-innovation
- Competition for block funding





Excellent RFOs

- Independent decisions
- Transparent
- Peer Review
- Evaluate and benchmark own activities
- Never become petrified, move forward
- Daring in funding decisions
- Collaborate internationally

Infrastructure – a key to excellence

- A trusted body giving scientific priorities
- Roadmap (science political)
- Structure for decisions (political)
- Processes
 - Finance and Build
 - Close down





Challenges or threats

- Scientist:
 - Alternative careers more attractive
 - What happens to male students?
- Universities
 - Research Hotels
 - National spread of resources
- RFO
 - National agenda dominates over International agenda
 - If that continue in Europe ⇨ Collective RFO suicide?
- Infrastructure in Europe
 - No clear scientific advice
 - No political commitments



Incentives to increase quality in Swedish research

Evaluations of whole research areas

Gender

Critical mass

Infrastructure

Competition over faculty funding

Internationalization



END