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Experiences with a bibliometric indicator for performance-based funding of research institutions in Norway

Sivertsen, Gunnar
2012

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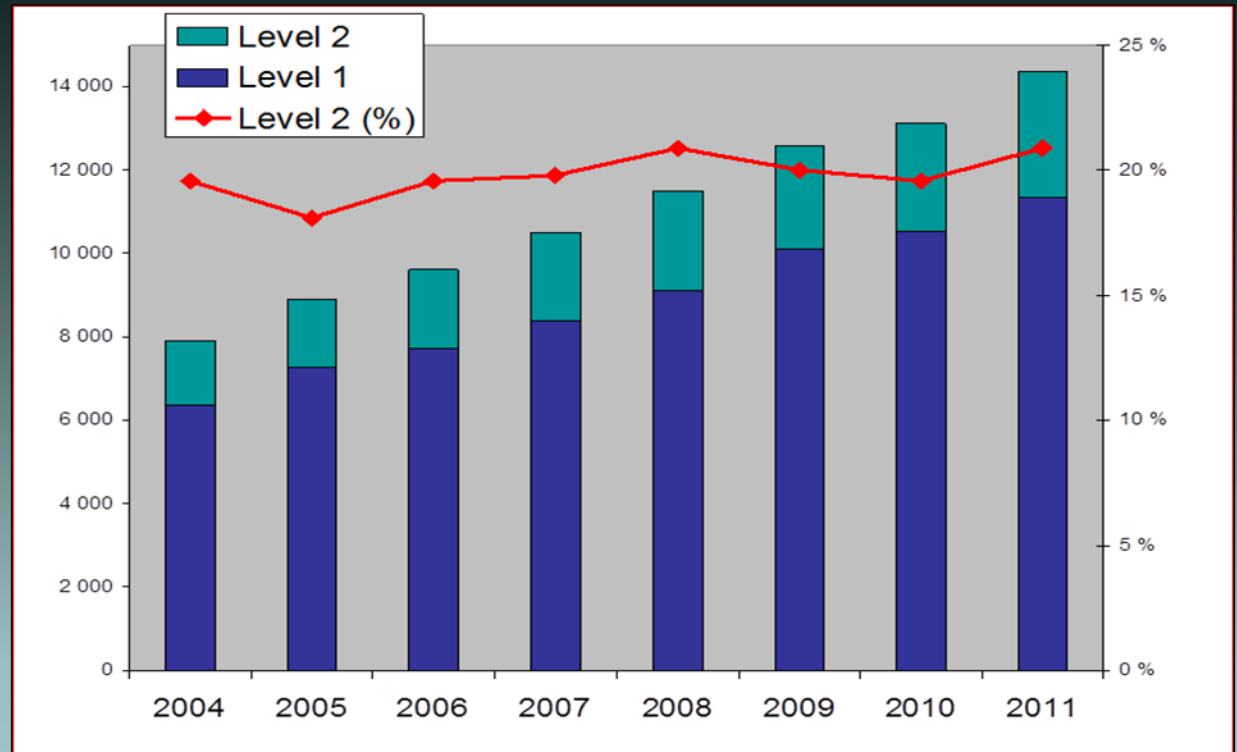
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Experiences with a bibliometric indicator for performance-based funding of research institutions in Norway

Gunnar Sivertsen

Nordic Institute for Studies in Innovation, Research and Education, Oslo, Norway

NIFU

Overview of this presentation

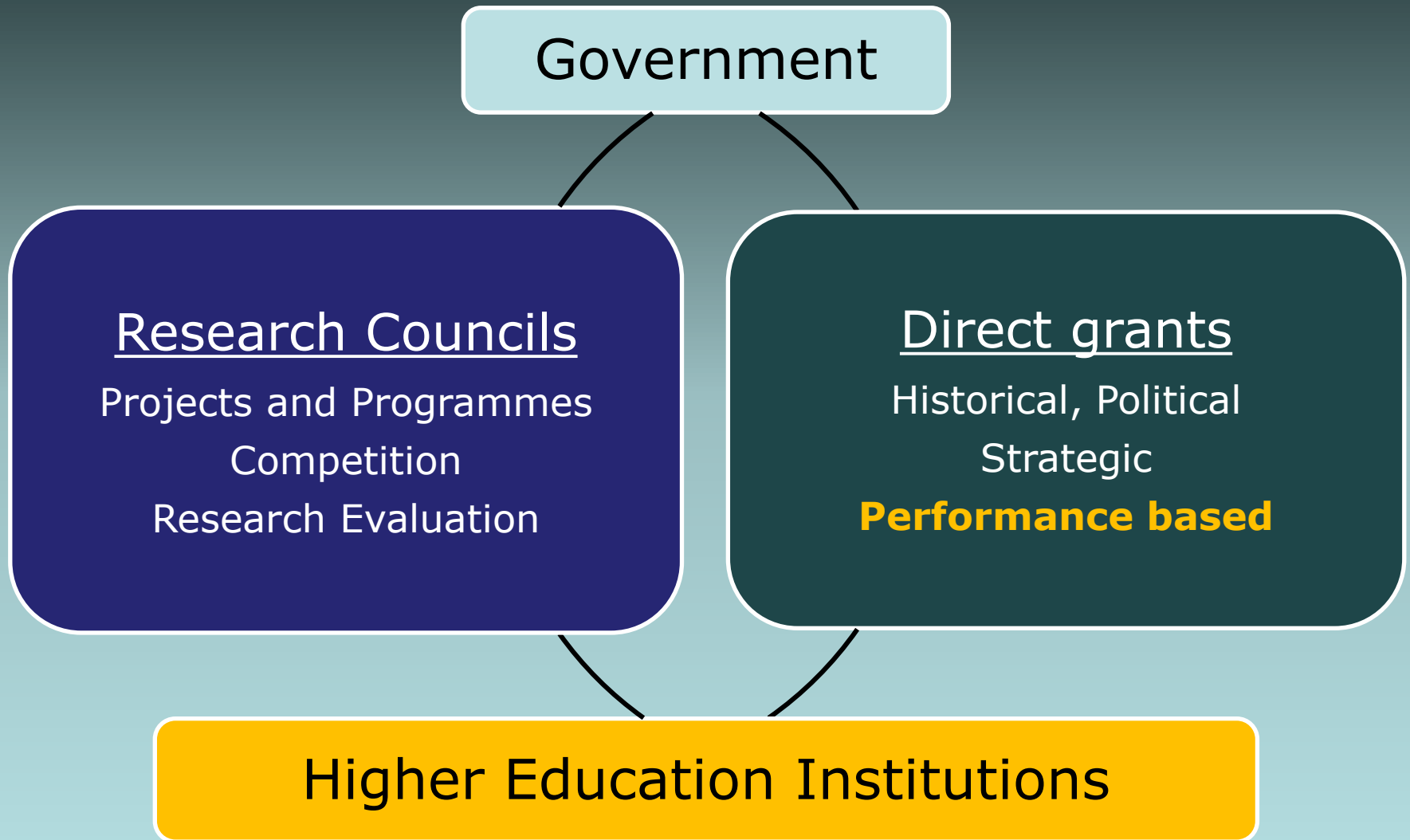
1. Performance based funding: Expert panels or indicators or both?
2. Bibliometric data sources
3. A bibliometric indicator covering all fields of research
4. Experiences: Effects, Discussions, Criticisms
5. Results from and questions for two evaluations of the indicator

Overview of this presentation

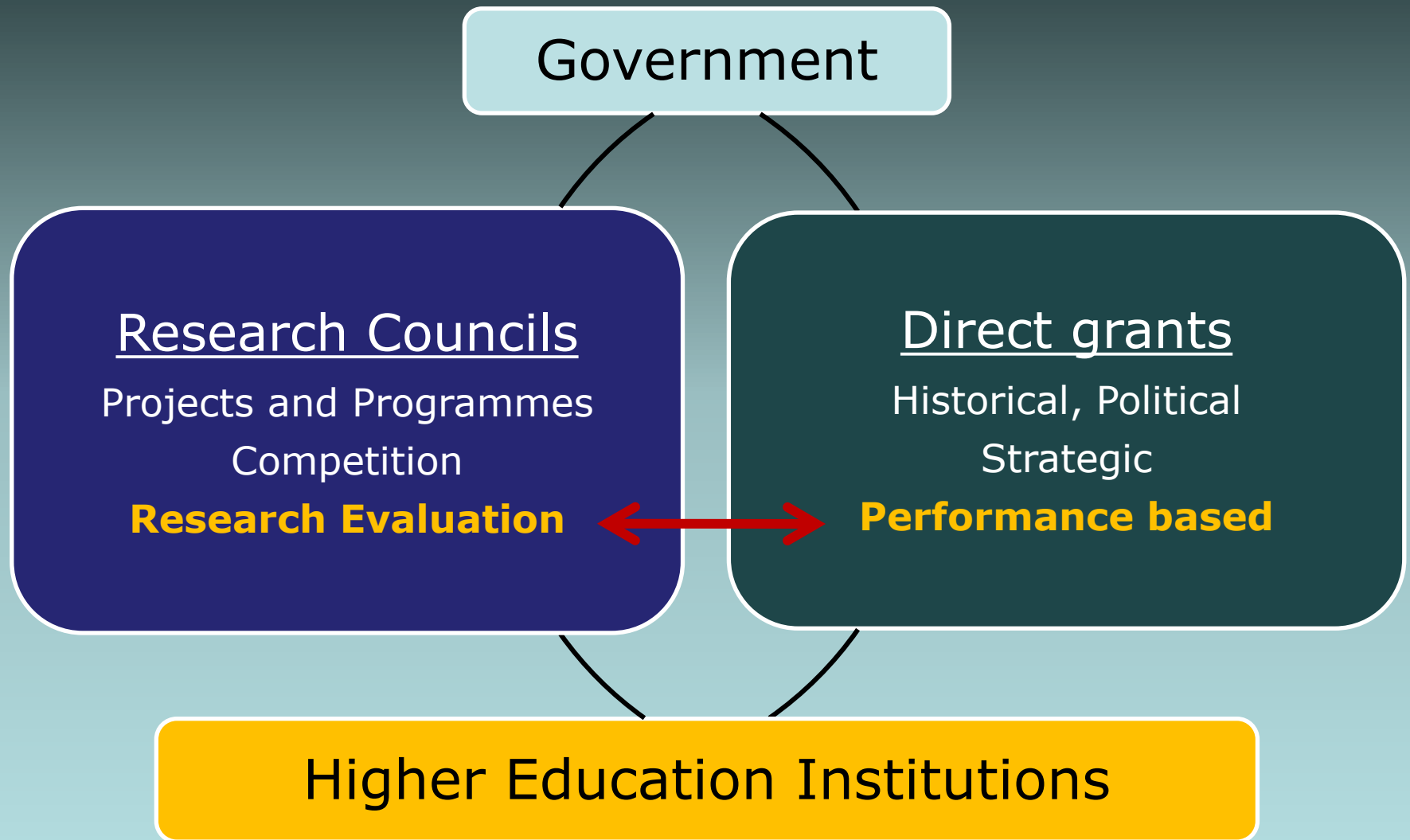
1. Performance based funding: Expert panels or indicators or both?
2. Bibliometric data sources
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"The dual funding system"

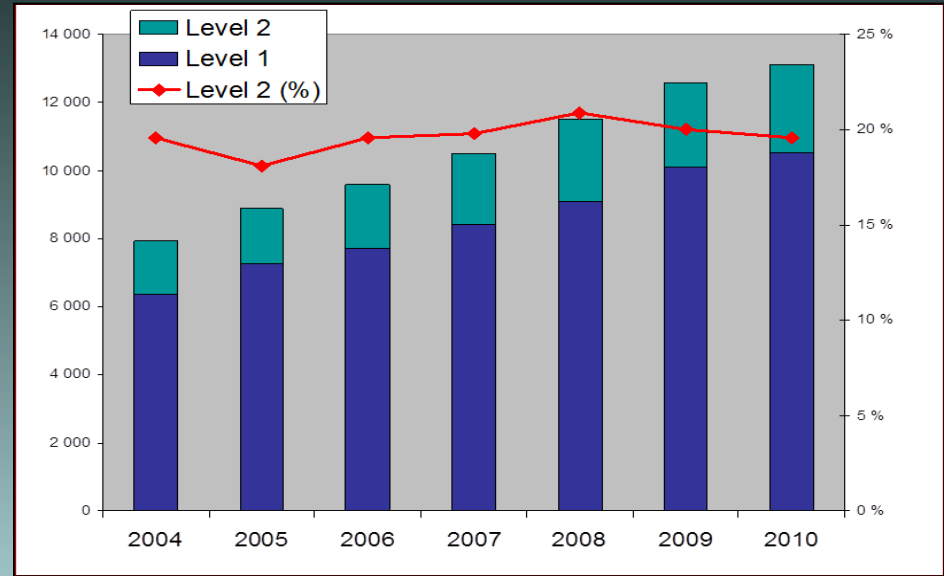
(A simplified model excluding international sources, etc.)



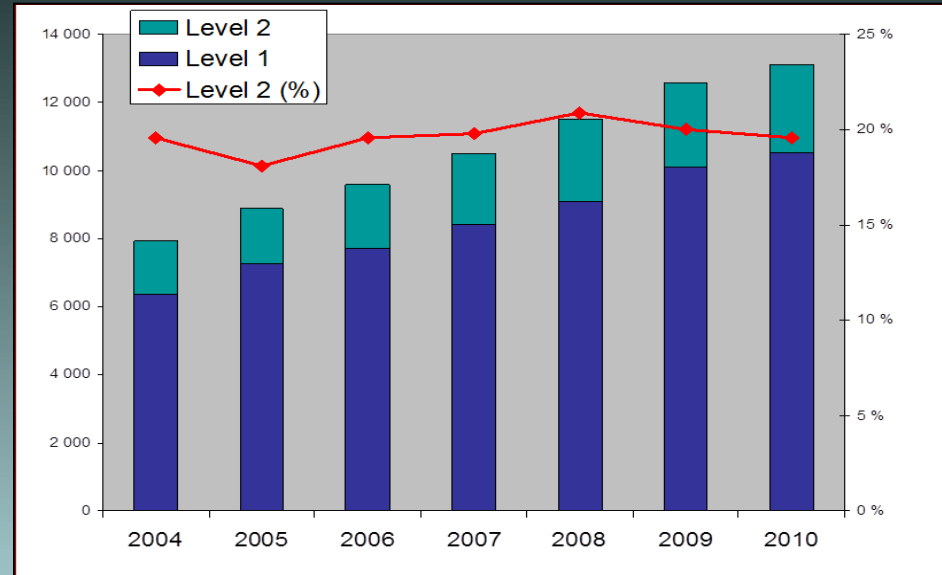
Same aims, methods, and effects?



Panel evaluation and bibliometric methods



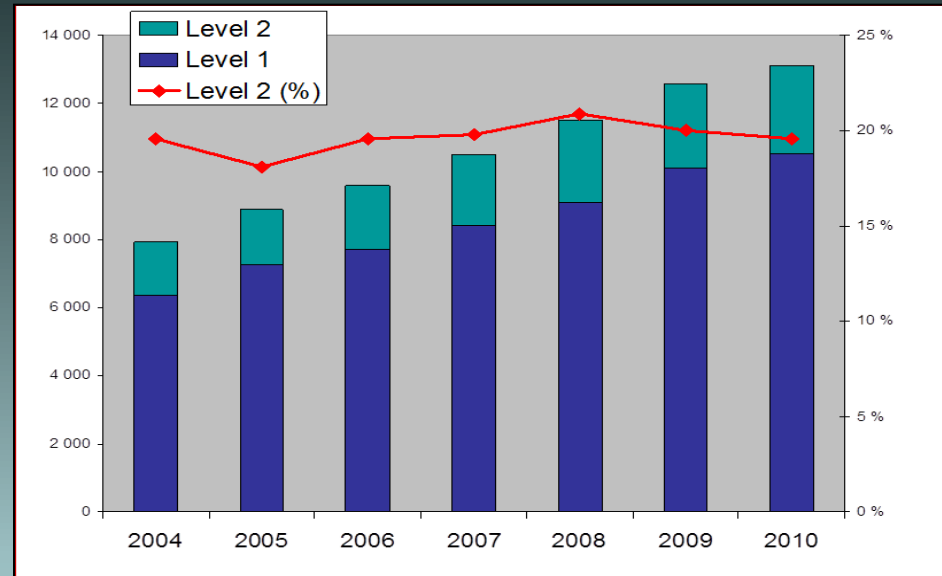
Panel evaluation and bibliometric methods in the **Scandinavian countries**



- Used for (indirect) project and programme funding via research councils
- Used for systematic (repeated) research evaluations of large programmes, disciplines and/or institutions

- Used as *information* by panel evaluations
- Used for direct performance-based funding of research institutions

Panel evaluation and bibliometric methods in the **Scandinavian countries**

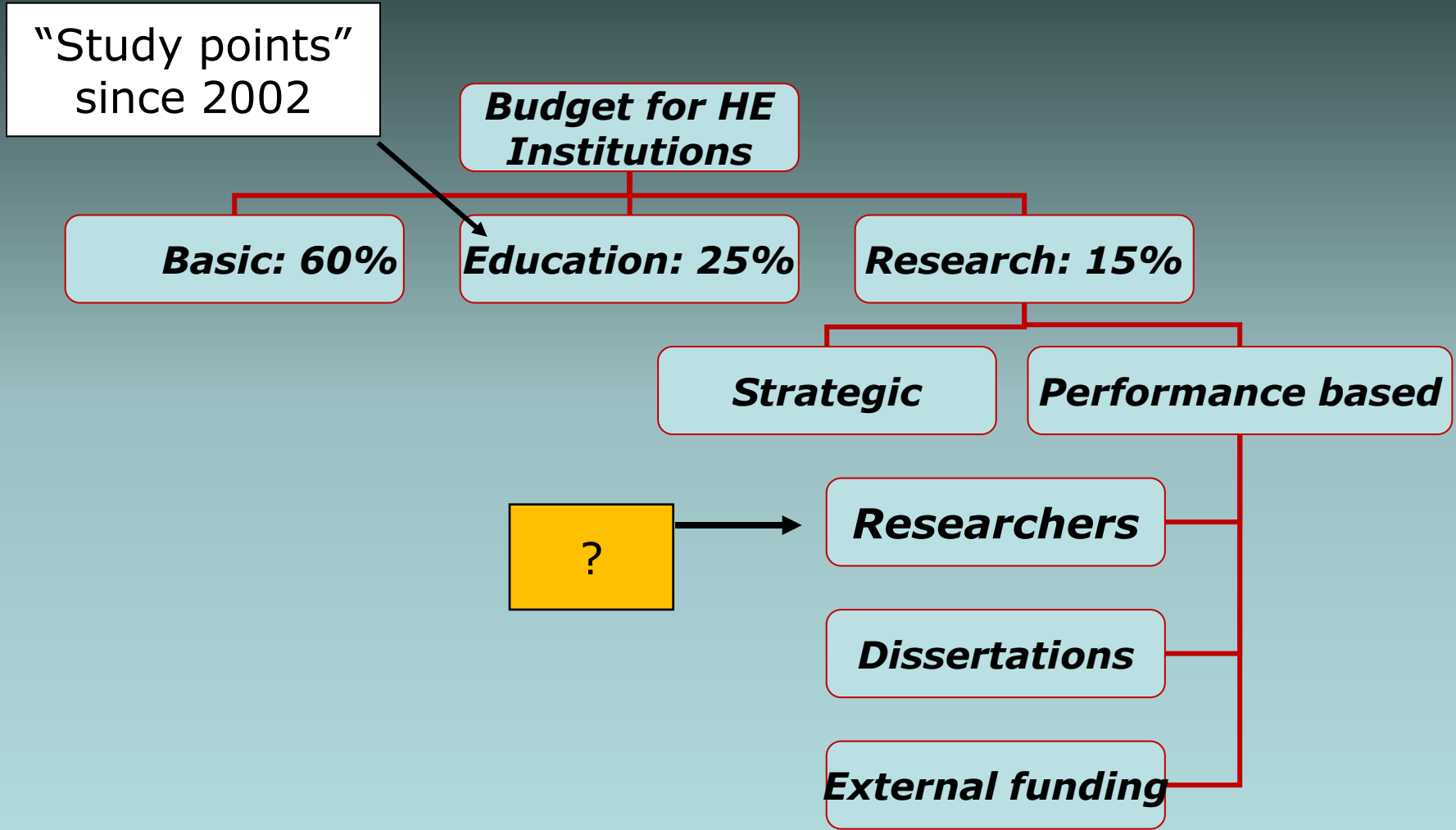


- Used for (indirect) project and programme funding via research councils
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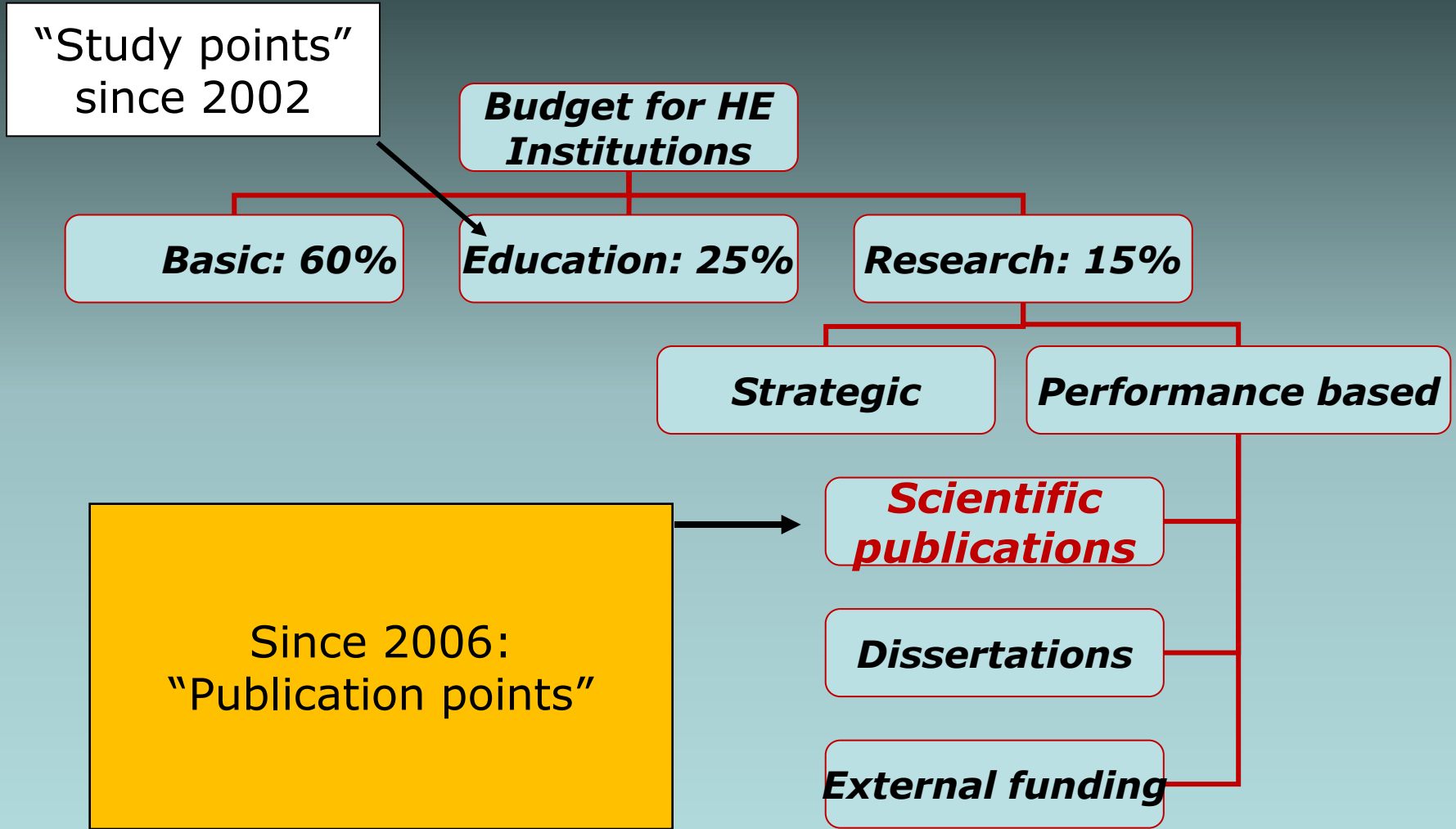
Motivation in Norway:

The need for more emphasis on **research** in the overall funding model for the Higher Education Sector



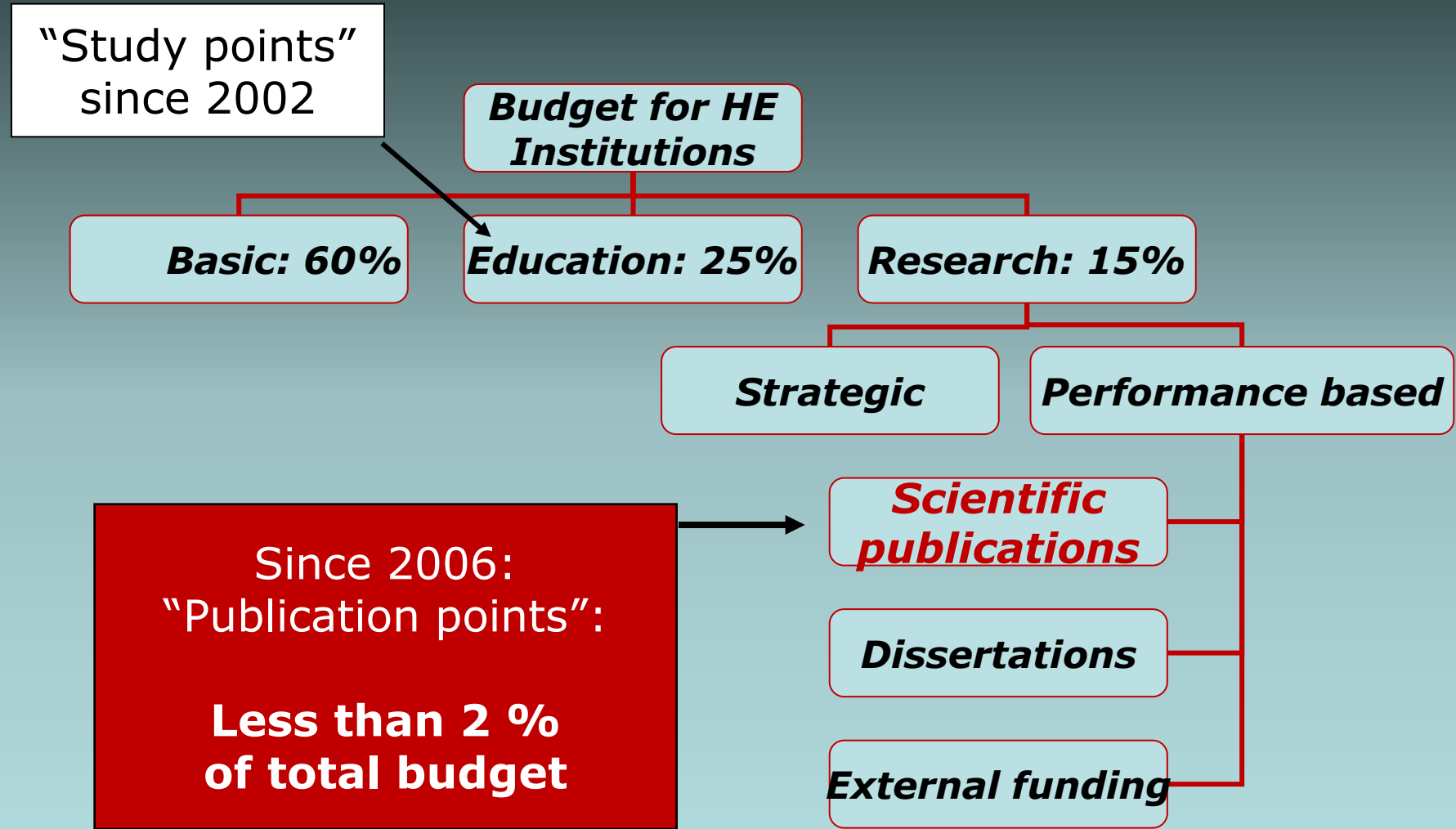
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Motivation in Norway:

The need for more emphasis on **research** in the overall funding model for the Higher Education Sector



Panel evaluation and bibliometric methods



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Web of Science Additional Resources

Search Author Finder Cited Reference Search Advanced Search Search History

Web of ScienceSM

Results Publication Name=(research evaluation)
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI.
Lemmatization=On

Results: 338

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PROCEEDINGS PAPER (83)

EDITORIAL MATERIAL (25)

REVIEW (7)

BIOGRAPHICAL ITEM (3)

[more options / values...](#)

Subject Areas

Authors

Group Authors

Editors

Source Titles

Book Series Titles

Publication Years

Institutions

Funding Agencies

Languages

Countries/Territories

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- Title: [Research Evaluation, Bill Page and Oxford University](#)
Author(s): Nederhof Anton J.; Jordan Gretchen B.
Source: [RESEARCH EVALUATION](#) Volume: 21 Issue: 1 Pages: 1-10
Times Cited: 0 (from Web of Science)
[BIBSYS x](#)
- Title: [Research centers as agents of change in the contemporary world](#)
Author(s): Rogers Juan D.
Source: [RESEARCH EVALUATION](#) Volume: 21 Issue: 1 Pages: 1-10
Times Cited: 0 (from Web of Science)
[BIBSYS x](#)
[View abstract](#)
- Title: [Evaluating the performance of academic departments: A case study of the University of Turin](#)
Author(s): Agasisti Tommaso; Catalano Giuseppe; Landoni Paolo; et al.
Source: [RESEARCH EVALUATION](#) Volume: 21 Issue: 1 Pages: 1-10
Times Cited: 0 (from Web of Science)
[BIBSYS x](#)
[View abstract](#)
- Title: [Evaluating the demand side: New challenges for academic departments](#)
Author(s): Edler J.; Georghiou L.; Blind K.; et al.
Source: [RESEARCH EVALUATION](#) Volume: 21 Issue: 1 Pages: 1-10
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[BIBSYS x](#)
[View abstract](#)
- Title: [Conservatism and risk-taking in peer review: Emergence of a new paradigm](#)
Author(s): Luukkonen Terttu
Source: [RESEARCH EVALUATION](#) Volume: 21 Issue: 1 Pages: 1-10
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[BIBSYS x](#)



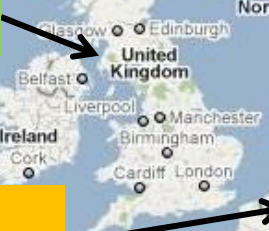
1986





1986

2003



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Web of ScienceSM

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Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI.
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INFORMATION SCIENCE LIBRARY SCIENCE (338)

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- BIOGRAPHICAL ITEM (3)

[more options / values...](#)

Subject Areas

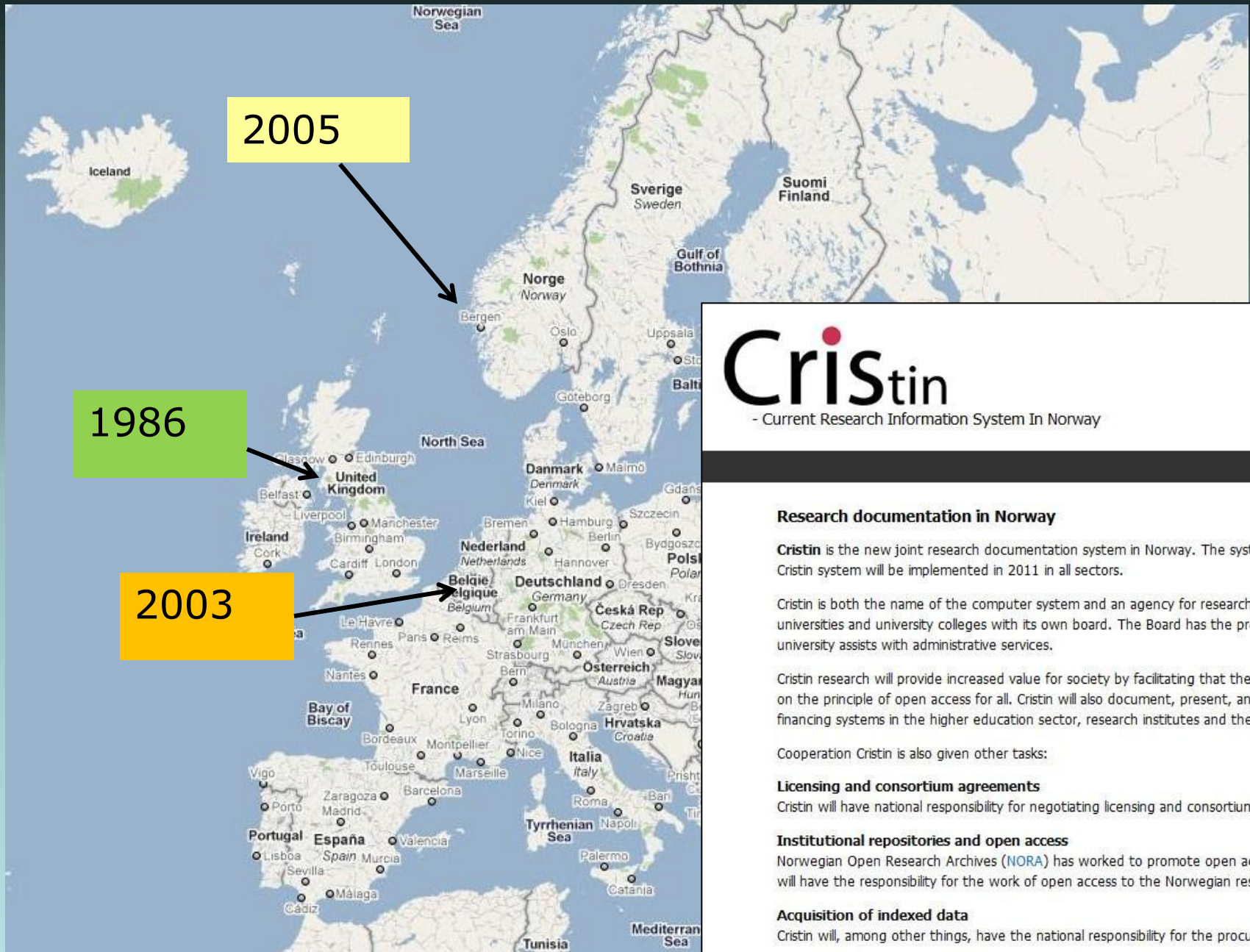
Authors

Group Authors

Editors

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- Title: **Research Evaluation, Bill Page a**
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BIBSYS x
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[\[View abstract\]](#)
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Author(s): Agasisti Tommaso; Catalano Gi
Source: **RESEARCH EVALUATION** Volume
Times Cited: 0 (from Web of Science)
BIBSYS x
[\[View abstract\]](#)



Cristin

- Current Research Information System In Norway

Research documentation in Norway

Cristin is the new joint research documentation system in Norway. The system will be implemented in 2011 in all sectors.

Cristin is both the name of the computer system and an agency for research administration at universities and university colleges with its own board. The Board has the professional responsibility for the system. The university assists with administrative services.

Cristin research will provide increased value for society by facilitating that the research information is available on the principle of open access for all. Cristin will also document, present, and make public the research results. The financing systems in the higher education sector, research institutes and the regional higher education sector will be reviewed.

Cooperation Cristin is also given other tasks:

Licensing and consortium agreements

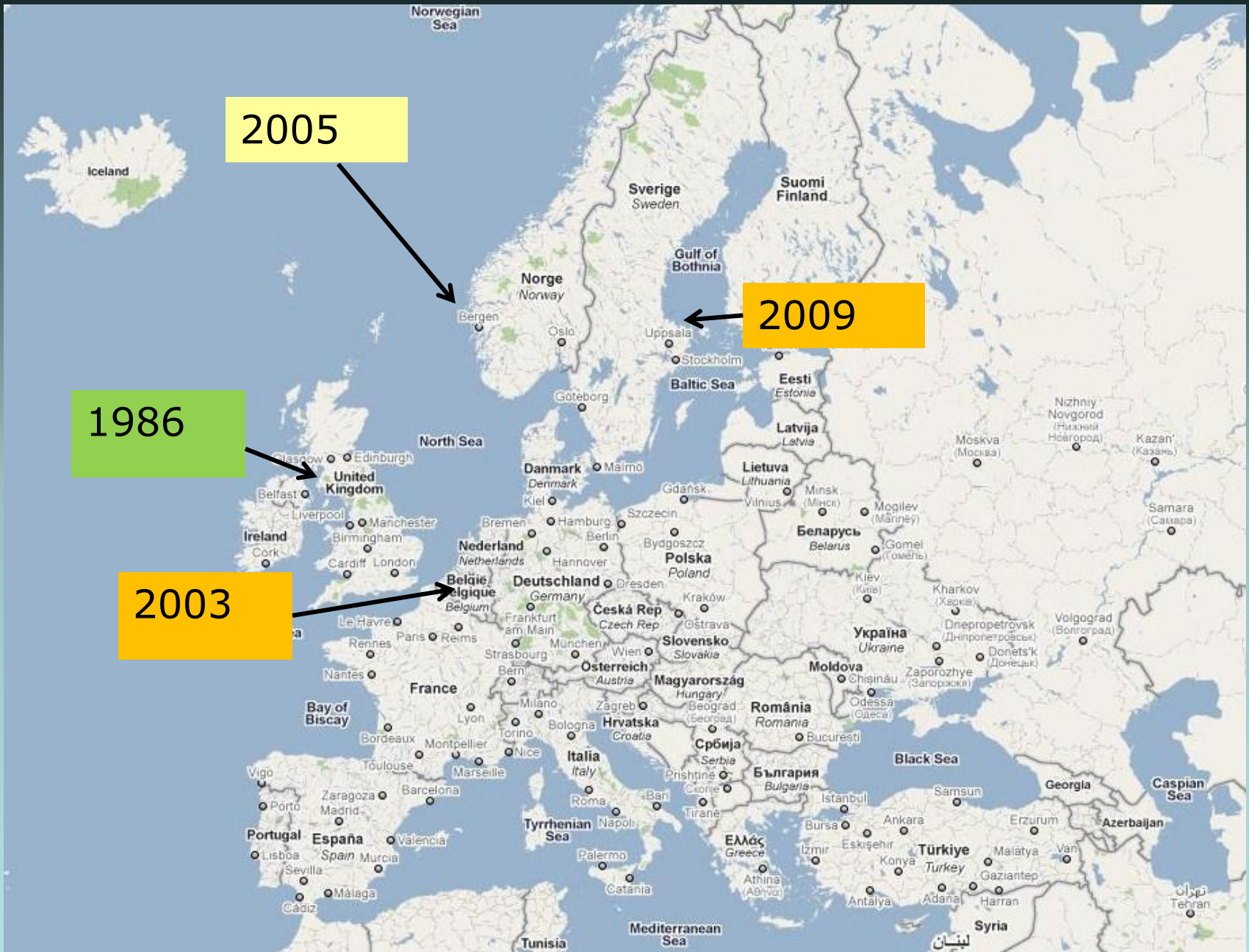
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Acquisition of indexed data

Cristin will, among other things, have the national responsibility for the procurement and

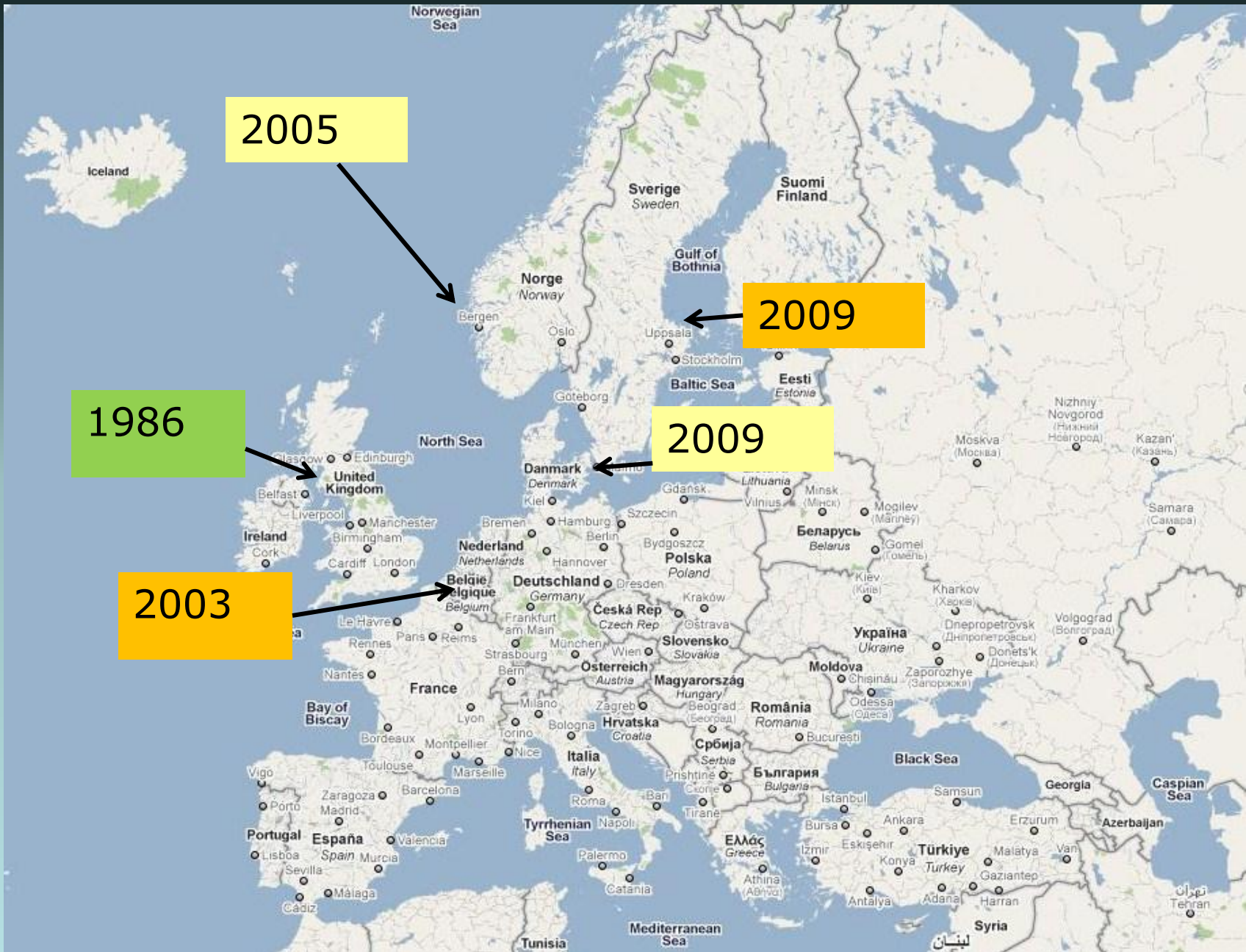


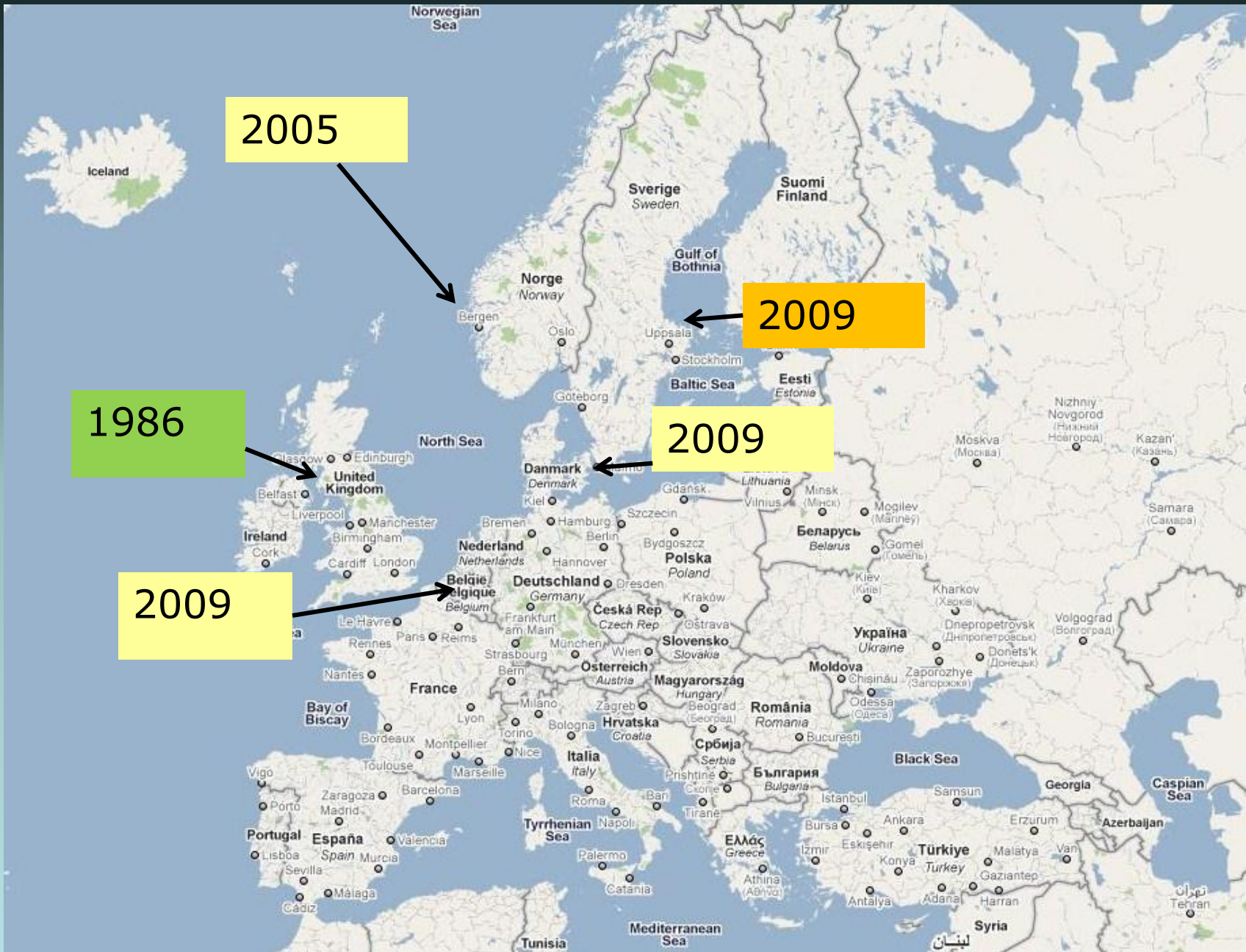
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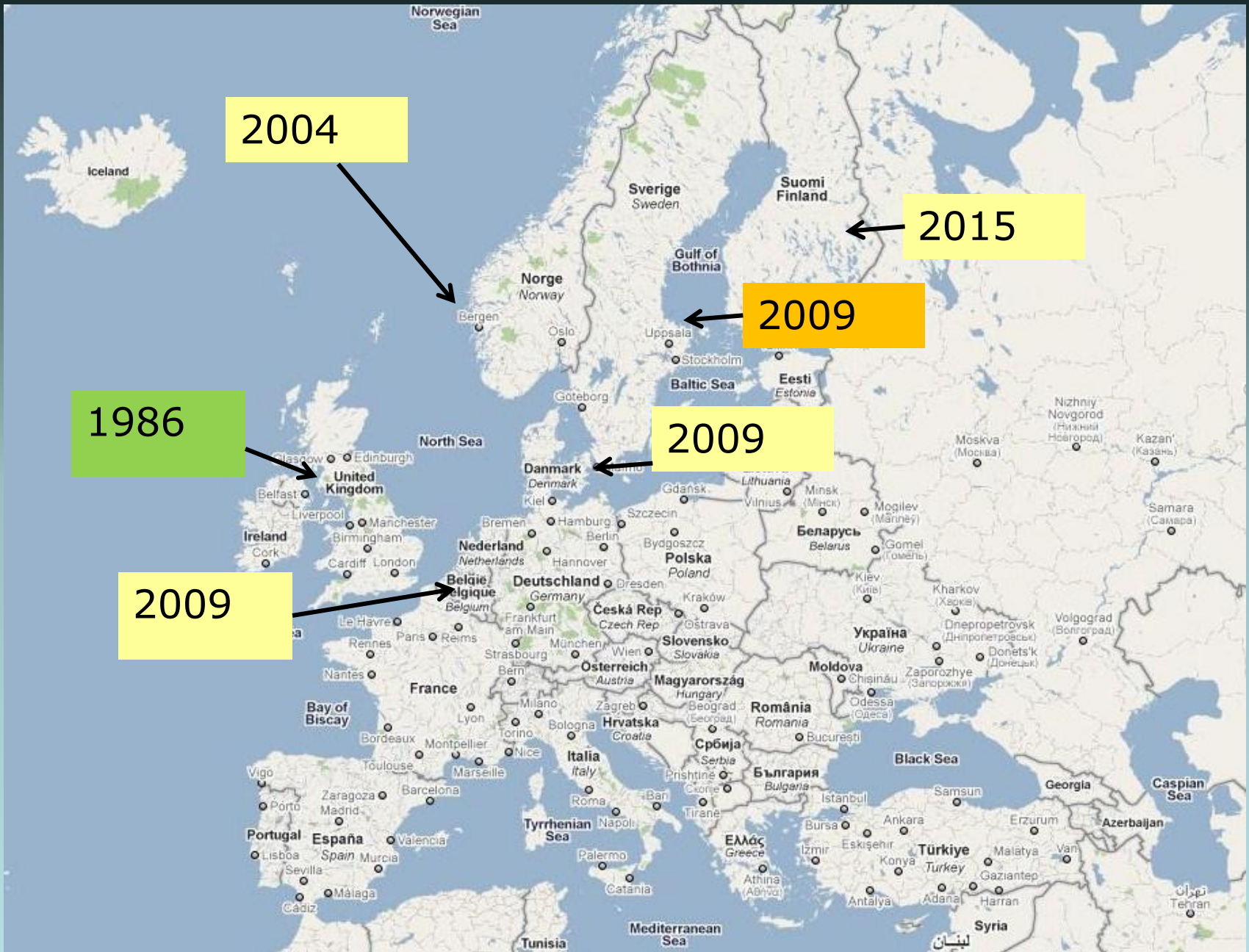
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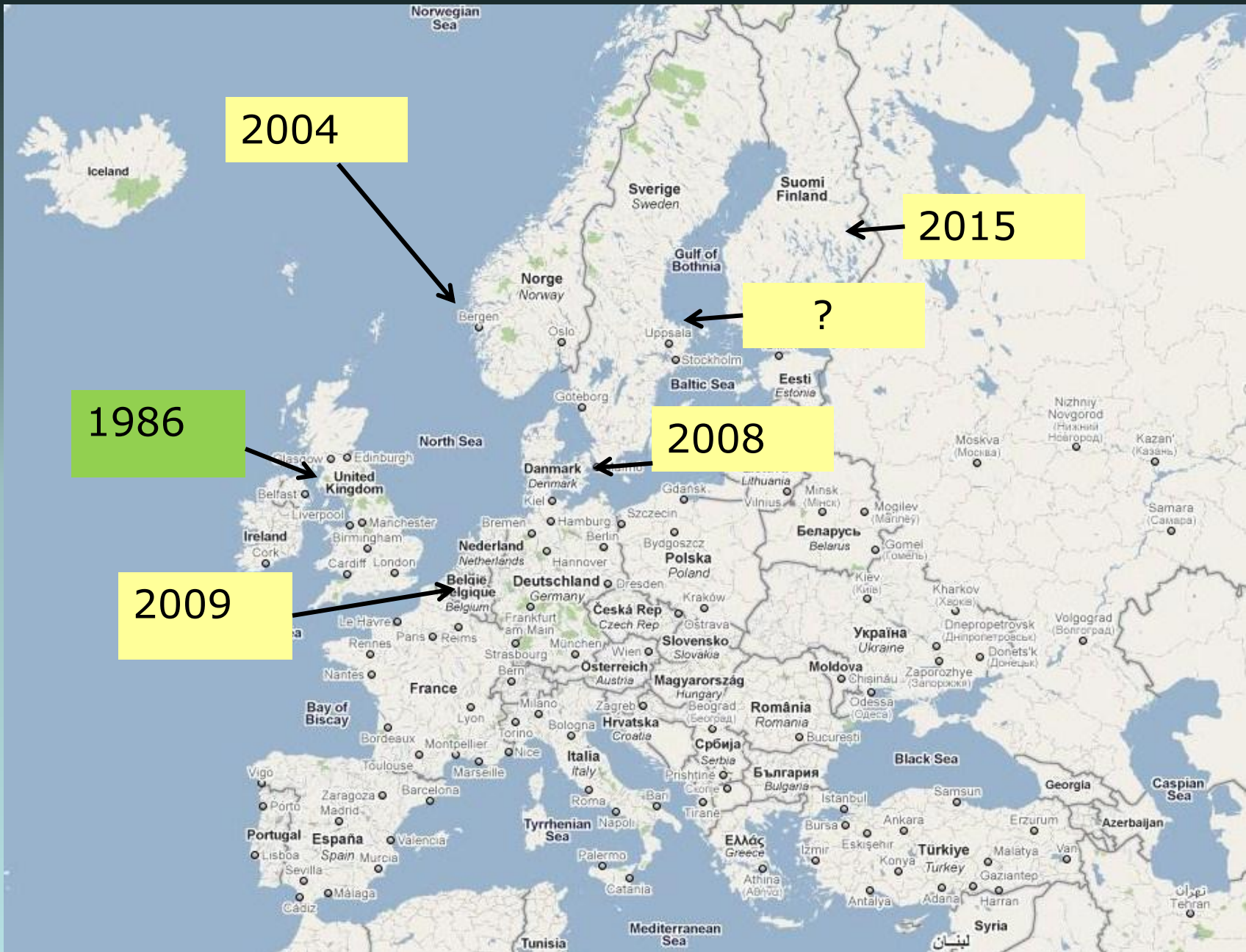
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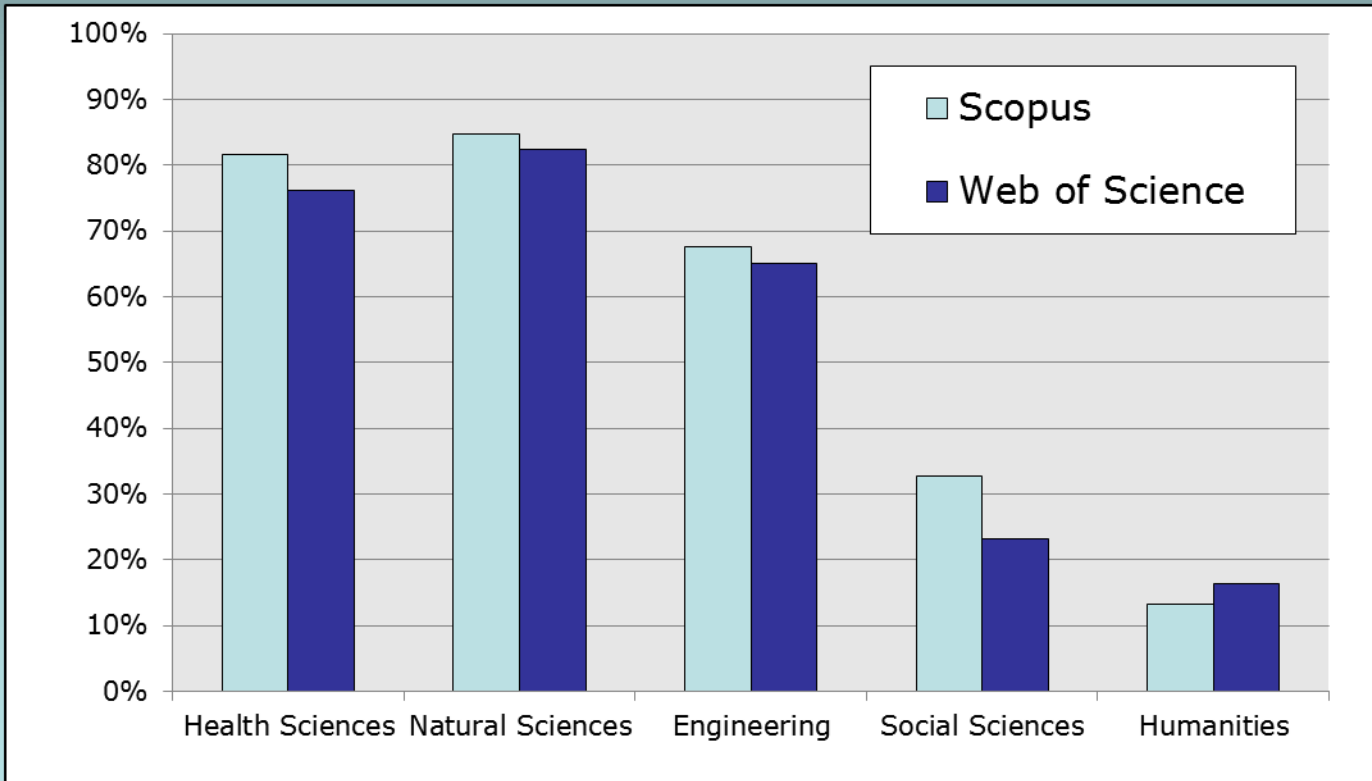
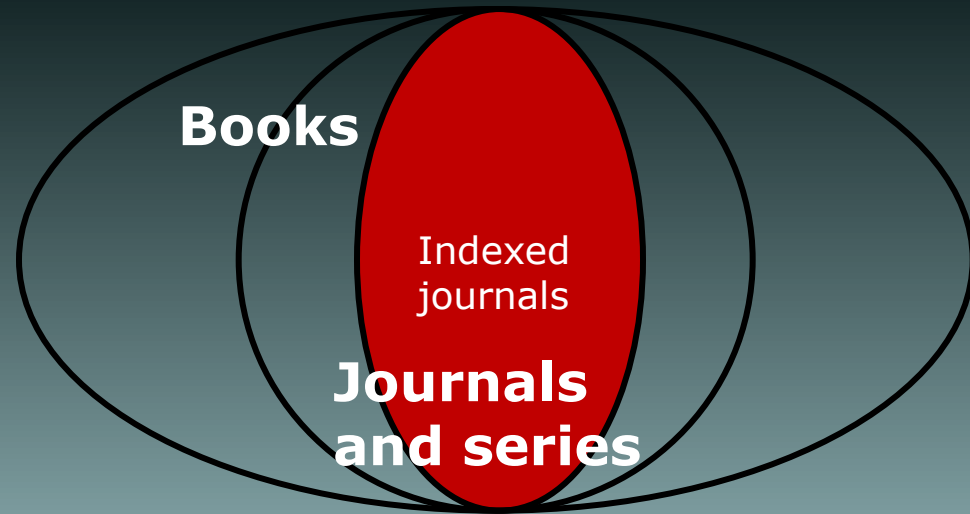






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5. Results from and questions for two evaluations of the indicator



Österreichische Zeitschrift für Politikwissenschaft is covered ...

The screenshot displays the Web of Knowledge interface. At the top, the logo 'WEB OF KNOWLEDGE SM' is followed by the tagline 'DISCOVERY STARTS HERE'. Below this, there are navigation tabs for 'Web of Science' and 'Additional Resources'. A search bar is present with options for 'Search', 'Author Finder', 'Cited Reference Search', 'Advanced Search', and 'Search History'. The main search results area shows the search criteria: 'Publication Name=(österreichische*)', refined by 'Source Titles=(ÖSTERREICHISCHE ZEITSCHRIFT FÜR POLITIKWISSENSCHAFT)', with a timespan of 'All Years' and databases including 'SCI-EXPANDED', 'SSCI', and 'A&HCI'. The total number of results is 2210. A 'Refine Results' sidebar is open on the left, showing options to search within results and refine by 'Web of Science Categories' (e.g., Political Science) and 'Document Types' (e.g., Book Review, Article). The main results list shows three entries, with the first one titled 'Challenges and Threats to Democracy by New C...' and the second 'European Governance: On the Relationship of D...'. A red arrow points from the text 'is covered ...' to the first search result.

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Search | Author Finder | Cited Reference Search | Advanced Search | Search History

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Results Publication Name=(österreichische*)
Refined by: Source Titles=(ÖSTERREICHISCHE ZEITSCHRIFT FÜR POLITIKWISSENSCHAFT)
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI.
Lemmatization=On

Results: 2210

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Refine Results

Search within results for

Search

Web of Science Categories Refine

POLITICAL SCIENCE (2,194)

Document Types Refine

BOOK REVIEW (1,230)

ARTICLE (794)

EDITORIAL MATERIAL (157)

REVIEW (15)

NOTE (6)

1. Title: **Challenges and Threats to Democracy by New C...**
Author(s): Brand Ulrich; Kreisky Eva; Segert Dieter
Source: ÖSTERREICHISCHE ZEITSCHRIFT FÜR POLITIKWIS
Times Cited: 0 (from Web of Science)
BIBSYS x

2. Title: **European Governance: On the Relationship of D...**
Author(s): Bieling Hans-Juergen
Source: ÖSTERREICHISCHE ZEITSCHRIFT FÜR POLITIKWIS
Times Cited: 0 (from Web of Science)
BIBSYS x [View abstract]

3. Title: "Only Paradoxes to offer?" Feminist Theories of

But **Österreichische Zeitschrift für Soziologie** is not covered



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Publication Name=(osterreichische*)

Refined by: Source Titles=(ÖSTERREICHISCHE ZEITSCHRIFT FÜR POLITIKWISSENSCHAFT)

Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI.

Lemmatization=On

2210

results

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Web of Science Categories

Refine

POLITICAL SCIENCE (2,194)

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Author(s): Brand Ulrich; Kreisky Eva; Segert Dieter
Source: **ÖSTERREICHISCHE ZEITSCHRIFT FÜR POLITIKWIS**
Times Cited: 0 (from Web of Science)
BIBSYS x
2. Title: **European Governance: On the Relationship of D**
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Source: **ÖSTERREICHISCHE ZEITSCHRIFT FÜR POLITIKWIS**
Times Cited: 0 (from Web of Science)
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3. Title: "Only Paradoxes to offer?" Feminist Theories of

Swedish Journal of Sociology is covered ...

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Web of Science | **Additional Resources**

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Web of ScienceSM

Results Publication Name=(sociologist forskning)
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI.
Lemmatization=On

Results: **1401**

Refine Results

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▼ **Web of Science Categories** [Refine](#)

- SOCIOLOGY (1,401)

▼ **Document Types** [Refine](#)

- ARTICLE (602)
- BOOK REVIEW (584)
- EDITORIAL MATERIAL (159)
- NOTE (17)
- DISCUSSION (12)

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Save to: [EndNote Web](#) [EndNote](#) [Re](#)

1. Title: **The Weariness of the Self: Diagnosing the History**
Author(s): Lindblom Jonas
Source: **SOCIOLOGISK FORSKNING** Volume: 48 Issue: 1 Pa
Times Cited: 0 (from Web of Science)
BIBSYS x
2. Title: **It exhausted itself: Depression and society.**
Author(s): Lindblom Jonas
Source: **SOCIOLOGISK FORSKNING** Volume: 48 Issue: 1 Pa
Times Cited: 0 (from Web of Science)
BIBSYS x
3. Title: **The Emergence of Social Movements' Global Polit**
Author(s): Vinthagen Stellan
Source: **SOCIOLOGISK FORSKNING** Volume: 48 Issue: 1 Pa

But **Swedish Journal of Political Science** is not covered



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Science

Additional Resources

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Cited Reference Search

Advanced Search

Search History

f ScienceSM

Publication Name=(sociologisk forskning)

Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI.

Formatization=On

Web of Science Categories

SOCIOLOGY (1,401)

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Research documentation in Norway

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Cristin will have national responsibility for negotiating licensing and consortium agreements.

Institutional repositories and open access

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Acquisition of indexed data

Cristin will, among other things, have the national responsibility for the procurement of indexed data.

Principles behind the use of institutional data in a national information system

- **Completeness:** All scholarly publications should be included
- **Transparency:** Every institution can see and check all other institutions' data. The national database is also online and open to society at large.
- **Participation:** The indicator is developed and maintained in collaboration between the institutions and the authorities
- **Multiple use of the data:** CV's, applications, evaluations, annual reports, internal administration, bibliography for Open Archives, links to full text, etc.

WS

Information letter for Cristin (

Useful links

Norwegian Scientific Index - N

CRIS

Publication channels

Cristin seminar

Contact information

Cristin secretariat:

Web email

Postal address:

P.O. box 1059, Blindern

06 Oslo

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Search criteria:

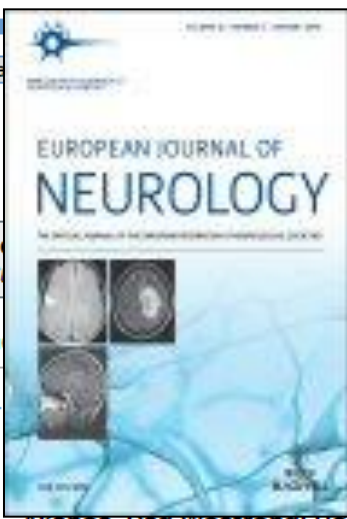
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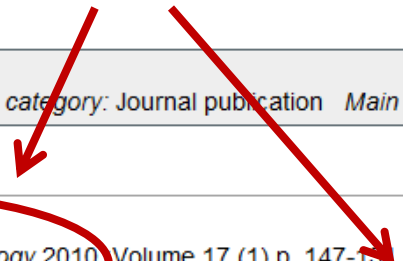
- 1. Gilhus, Nils Erik; Sivertsen, Gunnar.**
Publishing affects funding in neurology. *European Journal of Neurology* 2010 ;Volume 17.(1) p. 147-151
HAUKELAND NIFU UIB
- 2. Aksnes, Dag Westreng; Rørstad, Kristoffer; Piro, Fredrik Niclas; Sivertsen, Gunnar.**
Are Female Researchers Less Cited? A Large-Scale Study of Norwegian Scientists. *Journal of The American Society For Information Science*
NIFU
- 3. Sivertsen, Gunnar.**
Kilden til Jeppe paa Bierget. Aarhus Universitetsforlag 2010 (ISBN 9788779346284) 294 p.
NIFU
- 4. Sivertsen, Gunnar.**
Ludvig Holbergs essay om likestilling. I: *Sakprosa i skolen*. Fagbokforlaget 2010 ISBN 978-82-450-0921-7.
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References imported from ISI



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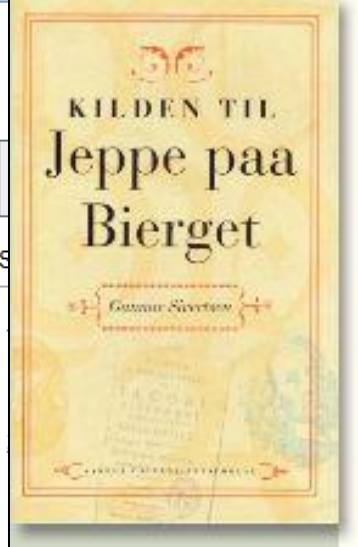
1. Gunnar, Sivertsen. *European Journal of Neurology*. *European Journal of Neurology* 2010 Volume 17.(1) p. 147-150
2. Aksnes, Dag Westreng; Rørstad, Kristoffer; Piro, Fredrik Niclas; Sivertsen, Gunnar. Are Female Researchers Less Cited? A Large-Scale Study of Norwegian Scientists. *Journal of The American Society For Information Science*. NIFU
3. Sivertsen, Gunnar. Kilden til Jeppe paa Bierget. Aarhus Universitetsforlag 2010 (ISBN 9788779346284) 29 NIFU
4. Sivertsen, Gunnar. Ludvig Holbergs essay om likestilling. I: *Sakprosa i skolen*. Fagbokforlaget 2010 ISBN NIFU



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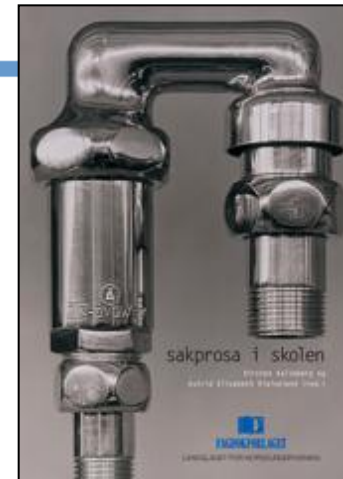
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Ørstad, Kristoffer; Piro, Fredrik Niclas; Sivertsen, Gunnar. *Journal of The American Society For Information Science* 2010

3. **Sivertsen, Gunnar.**
Kilden til Jeppe paa Bierget. Aarhus Universitetsforlag 2010 (ISBN 9788779346284) 294 p.
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4. **Sivertsen, Gunnar.**
Ludvig Holbergs essay om likestilling. I: *Sakprosa i skolen*. Fagbokforlaget 2010 ISBN 978-82-450-0921-7.
NIFU

References to book and article in book added



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2. Bibliometric data sources
3. A bibliometric indicator covering all fields of research
4. Experiences: Effects, Discussions, Criticisms
5. Results from and questions for two evaluations of the indicator

Delimitation of publication data by definition

Definition

A scientific or scholarly publication must:

1. present new insight
2. in a form that allows the research findings to be verified and/or used in new research activity
3. in a language and with a distribution that makes the publication accessible for a relevant audience
4. in a publication channel with peer review*)

*) In addition: Publication channels with authors coming mainly from only one institution are not included.

Three main publication types

- 1) Article in ISSN-title
- 2) Article in ISBN-title
- 3) ISBN-title

Channel

Type

E.g. **scientific** article in *Nature* or **scholarly** ISBN-title on *Oxford University Press*.

Dynamic records of scientific and scholarly ISSN-titles and ISBN-publishers

22,000 ISSN-titles and 1,200 book publishers so far

0001-9887	Africa Today
0001-9909	African Affairs
1062-4783	African American Review
0263-0338	African Archaeological Review
0001-9933	African Arts
1017-6772	African Development Review
0145-2258	African Economic History
1021-3589	African Entomology
1472-5843	African Identities
1684-5315	African Journal of Biotechnology
1021-9730	African Journal of Crop Science
0141-6707	African Journal of Ecology
1438-7890	African Journal of Environmental Assessment and Management
1684-5378	African Journal of Food, Agriculture, Nutrition
1015-8618	African Journal of Neurological Sciences
0065-4000	African Literature Today

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Cappelen Akademisk Forlag
Carfax Publishing
Carl Heymanns Verlag
Carlsson bokförlag
Catholic University of America Press
Central European University Press
Channel View Publications
Chinese University Press
Christian Ejlers's Forlag

All channels can be searched, and new channels can be suggested

NSD Norwegian register of scientific journals and publishers

You are here: NSD: Information on research and higher education: Norwegian version

Norwegian register of scientific journals and publishers

Search

Title: ISSN: [\[Search help\]](#)

Level: Administrative Status:

Scientific dicipline: Type (journal/publisher):

Subject area:

Are you missing a specific journal/serie/publisher? [Make a suggestion to the register](#). To check status for your previous suggestions, go to ["My user account"](#)

[\[My user account\]](#) - NSD © [Contact NSD](#)

Publication channels on two levels

Level 2 represents the most prestigious international channels

Defined in each discipline by expert panels informed by indicators

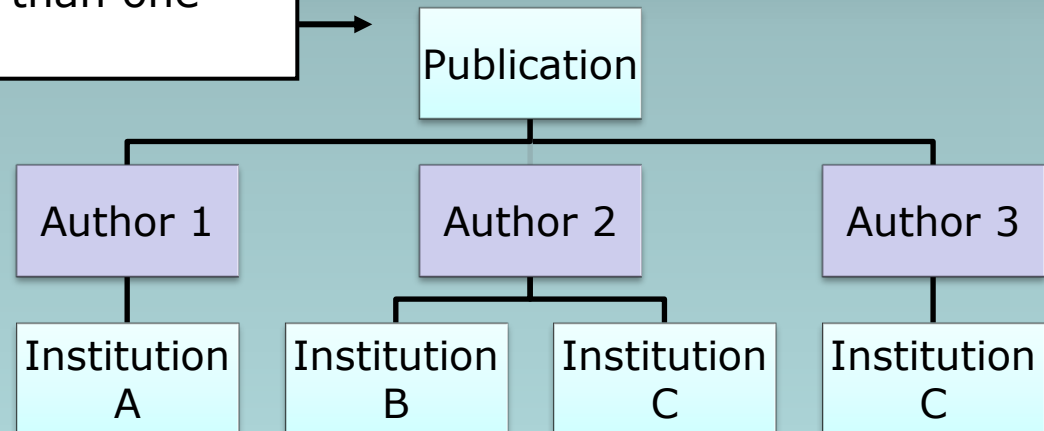
Level 2: Higher points to 20 % of the publications

Level 1: Normal points to 80 % of the publications

Publication points

Publication type	Level 1	Level 2
Article in ISSN-title	1	3
Article in ISBN-title	0,7	1
ISBN-title	5	8

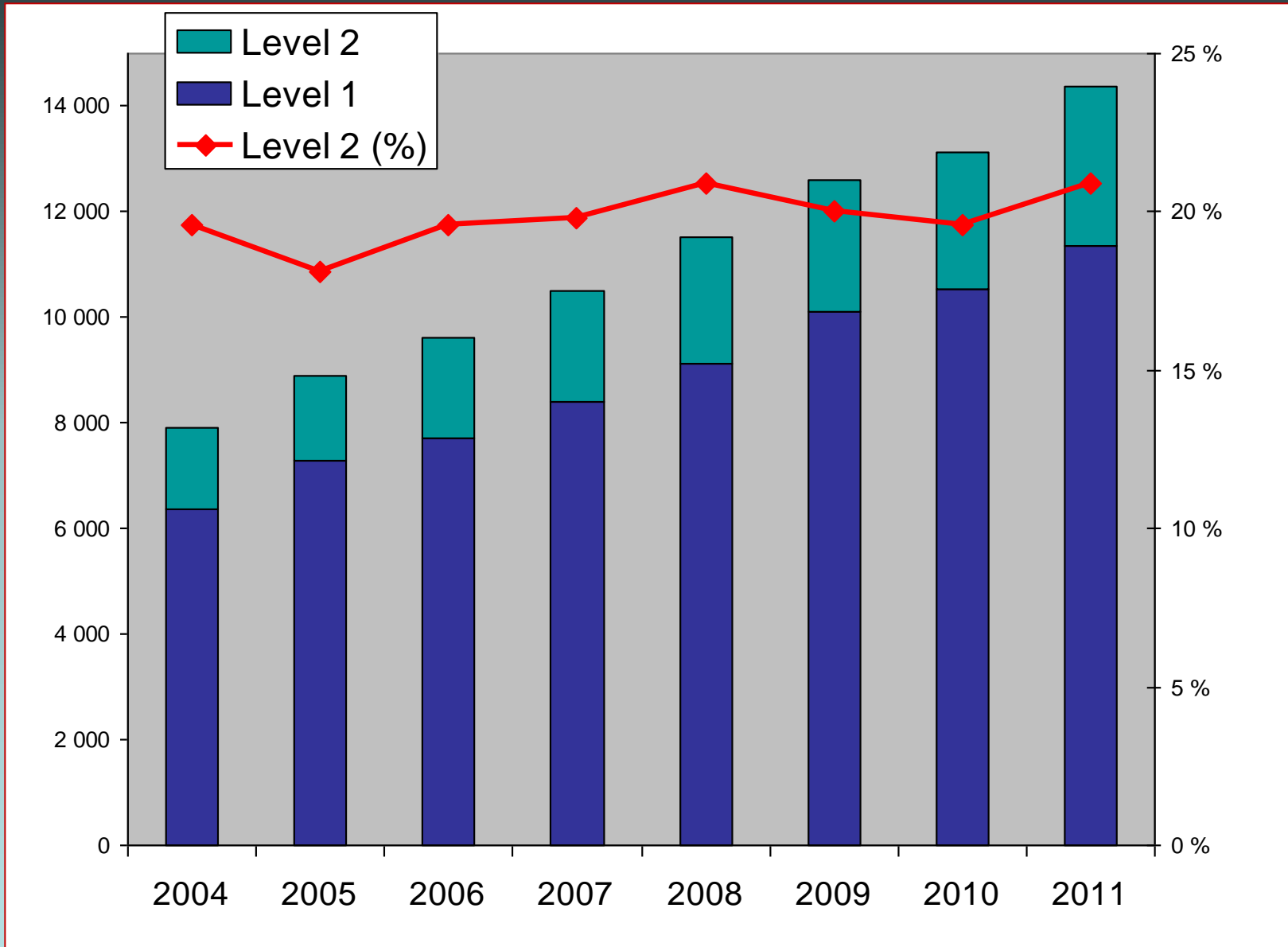
Publication points are fractionalized if the publication originates from more than one institution



Overview of this presentation

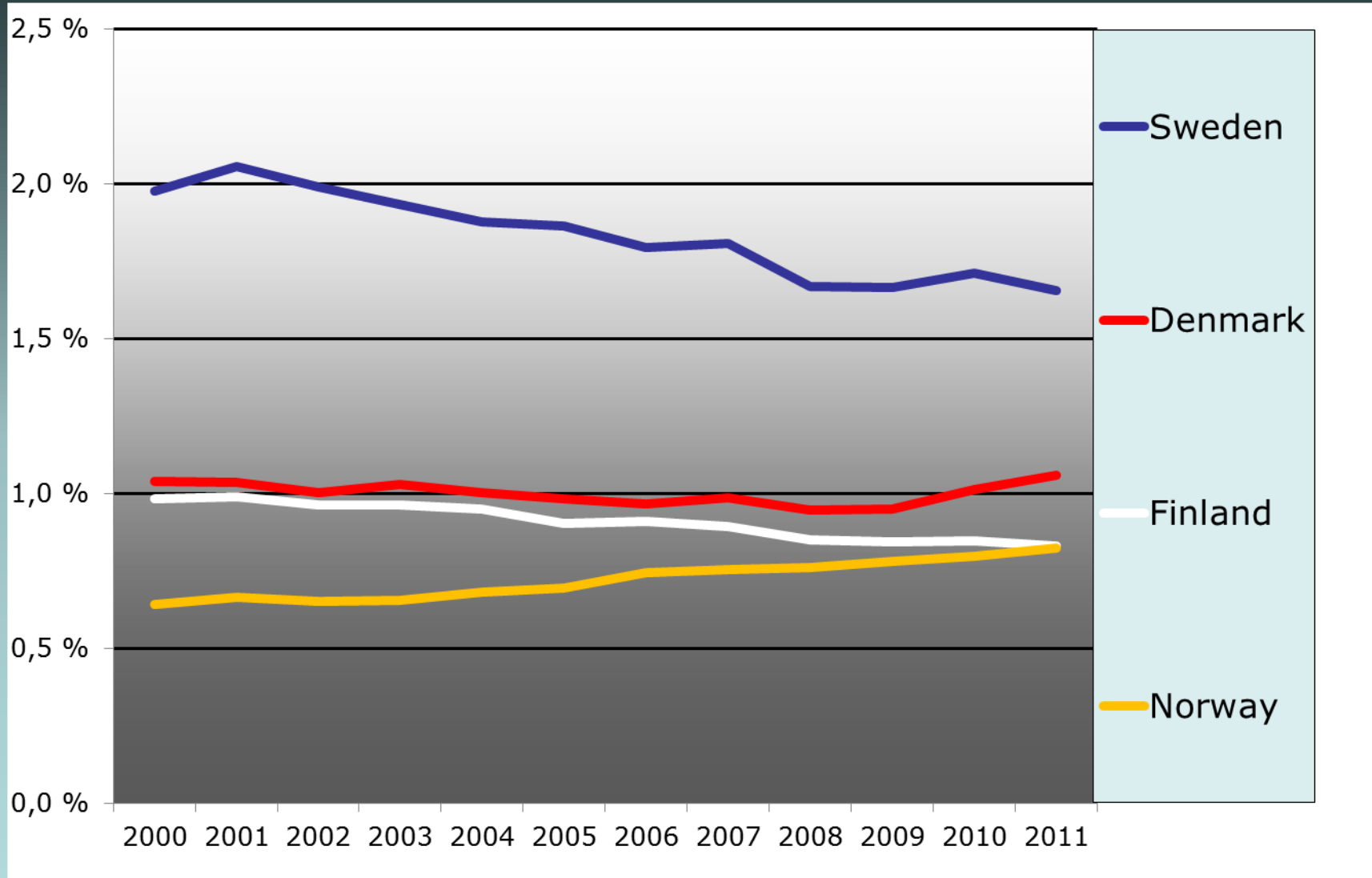
1. Performance based funding: Expert panels or indicators or both?
2. Bibliometric data sources
3. A bibliometric indicator covering all fields of research
4. Experiences: Effects, Discussions, Criticisms
5. Results from and questions for two evaluations of the indicator

Publication points in Norway's Higher Education Sector 2004-2011



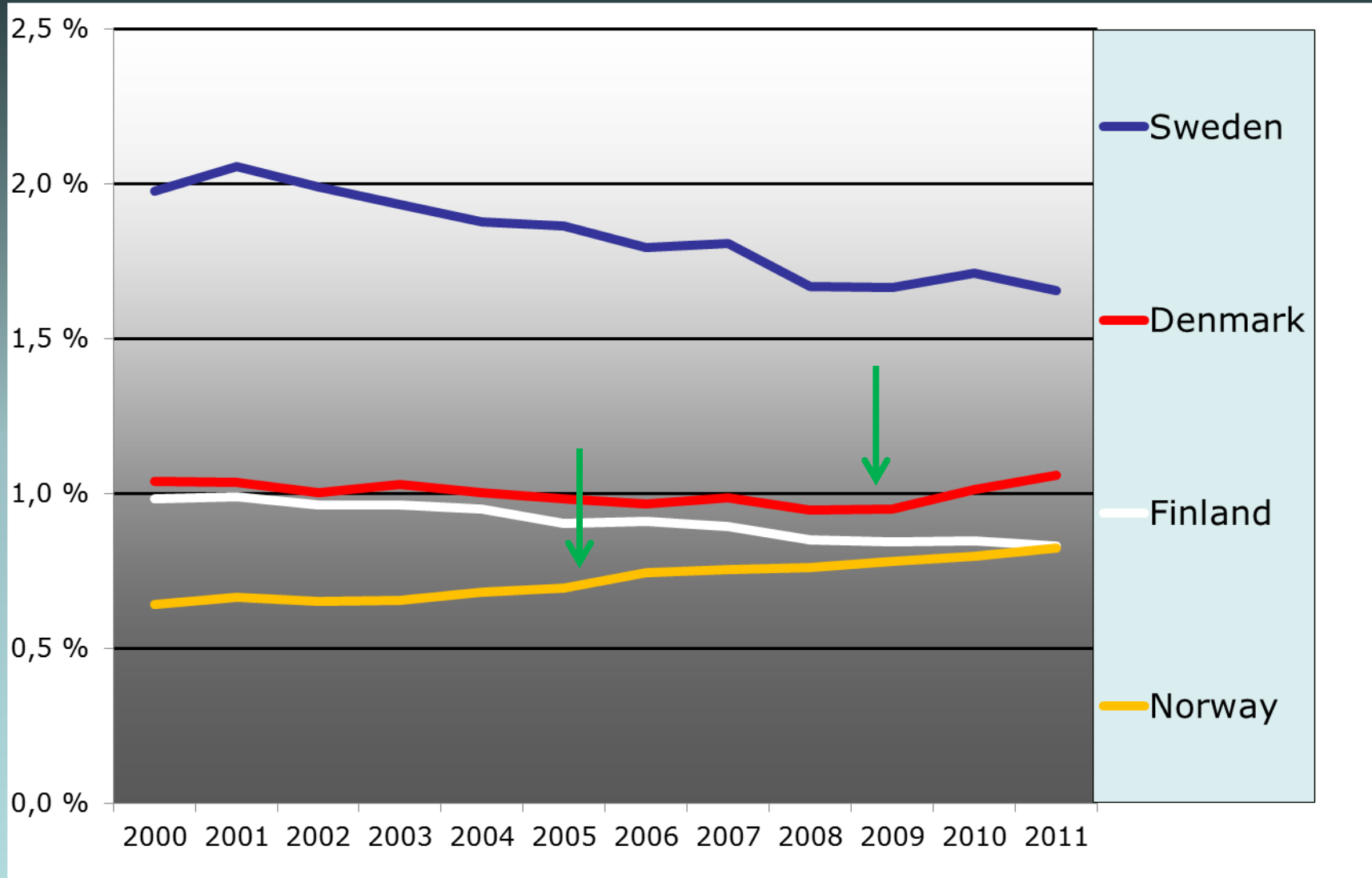
Shares in the world's scientific output (ISI 2000-2011)

Source: National Science Indicators (NSI), Thomson Reuters



Shares in the world's scientific output (ISI 2000-2011)

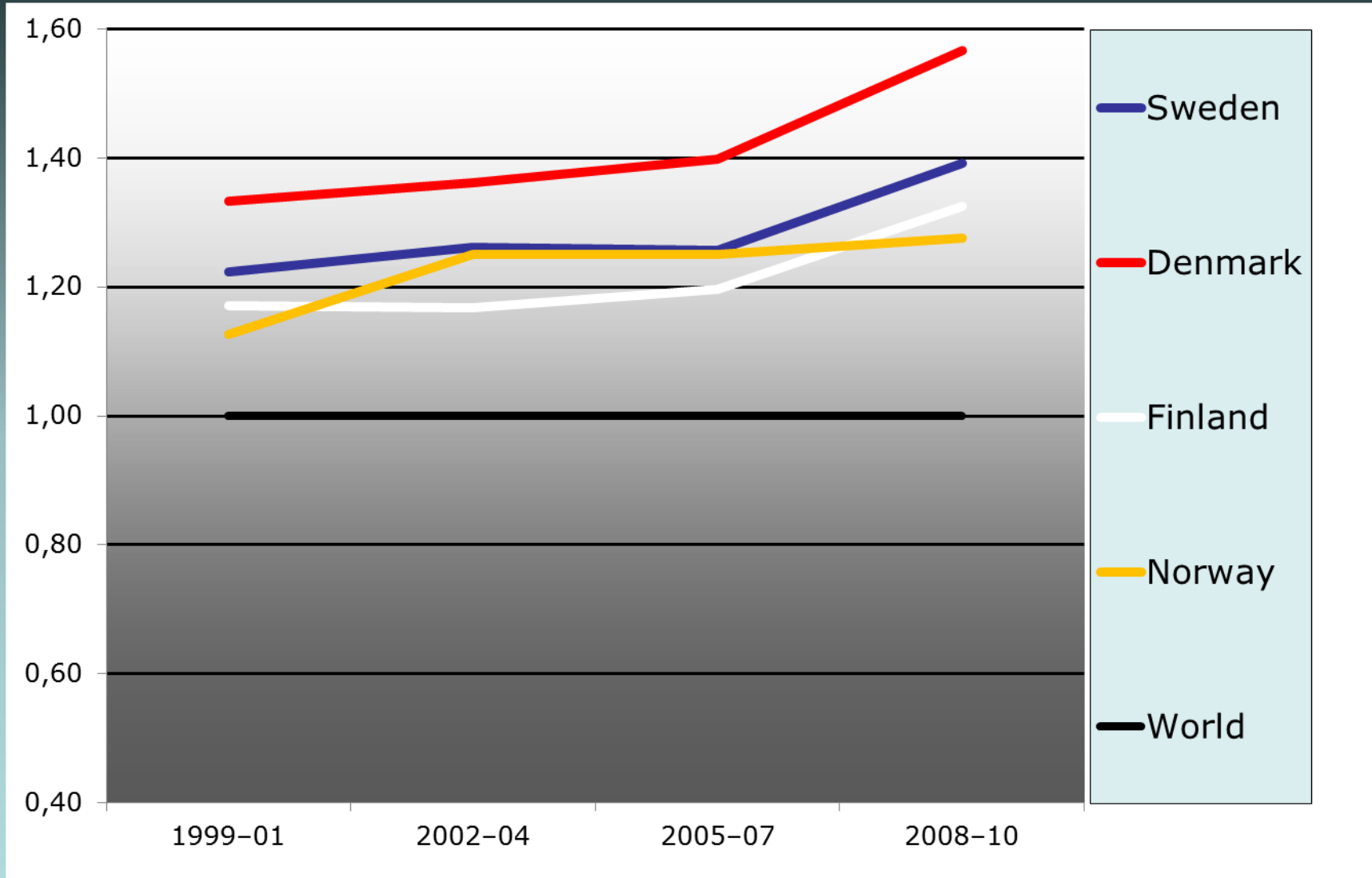
Source: National Science Indicators (NSI), Thomson Reuters



Relative citation rates (ISI 1999-2010)

Weighted according to research profiles.

Source: National Science Indicators (NSI), Thomson Reuters



Effects on the institutional level

- The institutions have stronger incentives to facilitate research for their researchers
- Research is now perceived as a common and institutional responsibility, not only as an individual task
- New publications receive attention, not only from external peers, but also internally from the institution
- Research management improves with the aid of complete bibliometric information about the research activities

An example of effect at department level: Poster in the toilets of *The Centre of Excellence in linguistics at the University of Tromsø*

Hey! Need something to think about in here? How about this:

Which level 2 journal will you send an article to this semester?

Bilingualism Bilingualism Language and Cognition Brain and Language Canadian
Journal of Linguistics-Revue Canadienne de Linguistique Cognitive Linguistics Deutsche
Sprache Diachronica Die Sprache Francais Moderne Historiographia
Linguistica International Journal of Bilingual Education and Bilingualism
International Journal of Bilingualism Journal of African Languages and Linguistics
Journal of Child Language Journal of Comparative Germanic Linguistics Journal of
French Language Studies Journal of Germanic Linguistics Journal of Linguistics
Journal of Neurolinguistics Journal of Phonetics Journal of Semantics
Journal of Slavic Linguistics Language Language Acquisition Language and Speech
Lingua Linguistic Inquiry Linguistic Typology Linguistics Linguistics and
Philosophy Natural Language Semantics Natural Lg & Ling theory Phonology Revue
des Langues Romanes Russian Linguistics Sprachtypologie und Universalienforschung
Sprachwissenschaft Studia Linguistica Studies in Language Studies in Second Language
Acquisition Syntax Syntax and Semantics Travaux de Linguistique Voprosy
jazykoznanija Zeitschrift fur Dialektologie und Linguistik Zeitschrift fur Germanistische
Linguistik Zeitschrift für Sprachwissenschaft

Criticism A: Use and abuse of the indicator on the local or individual level

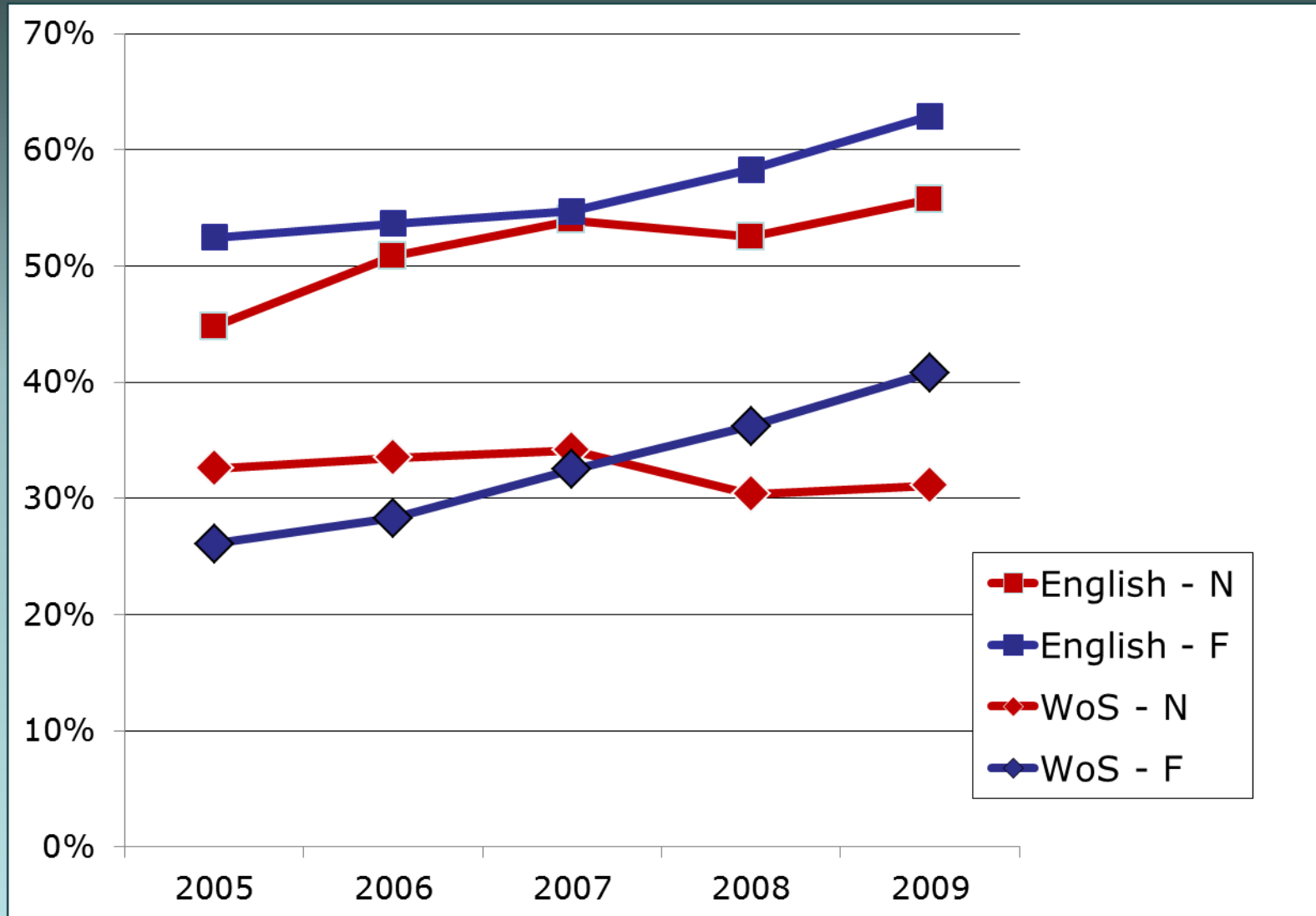
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French Language Studies Journal of Germanic Linguistics Journal of Linguistics
Journal of Neurolinguistics Journal of Phonetics Journal of Semantics
Journal of Slavic Linguistics Language Language Acquisition Language and Speech
Lingua Linguistic Inquiry Linguistic Typology Linguistics Linguistics and
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Linguistik Zeitschrift für Sprachwissenschaft

Trends in use of English and WoS coverage in the humanities and social sciences

Percentages of all scholarly journal articles from Flemish (F) and Norwegian (N) universities that were published in English and covered by Web of Science 2005-2009



Criticism C: Are the best publications getting most points?

KULTUR

Økonomiprofessor er beste formidler

Økonomiprofessor Kalle Moene ved Universitetet i Oslo får Norges Forskningsrådets fremdringspris for 2011, en pris på 250 000 kroner som er ledet for sin utmerkede fremdring av forskning. ESOP (Equality, Social Organization, Performance), ved det samfunnsvitenskapelige fakultet, som ble etablert i 2008, er den nordiske velferdsteorinodden. – Jeg liker svært godt å drive med forskning, men det er egentlig ikke fullt nok den kan slappe like debatt og oppmerksomhet rundt funnene må gjøre. Forskere som ikke bryr seg om andringsnivået i forskning, er det som for en stor del av oss, sier Moene til Undervisningsrådet. Forskningsrådet pris for fremdring av forskning går til tillitsprofessor Trygve Haug på skolen ved Universitetet i Oslo. Han har fått en ny utmerkelse for å ha vært i fremdring med sine forskningsartikler som er utmerkede i bruk av faglige fagmateriale.

Systemet som brukes til å avgjøre hvem som er de mest talentfulle forskerne, verdsetter publisering av artikler i enkelte middelmådige tidsskrifter høyere enn å ha artikler på trykk i verdens beste.

Halvbra tidsskrifter gir flest poeng

PER KRISTIN BIRKENG

Vil du gjøre det bra som forsker, kan det være en fordel å publisere vitenskapelige artikler i de mest mulig gjennomslagskraftige og kvalitet. I 2009 ble et nytt system for å evaluere vitenskapelige tidsskrifter gradvis innført i norsk forskning. Det skulle gjøre det lettere å måle hva skattebetalerne får igjen for pengene sine. Det var godformet og skulle ikke brukes til å peke på om individuelle forskere var dyktige eller dårlige. Før årsskiftet ble systemet innført i det norske tidsskriftet gir alle tre ganger så mye nåbar prestisje som det internasjonale oppdriftstidsskriftet.

Skjært. Likvel er et tidsskrift som det norske Historisk tidsskrift plassert på det gjennomsnittlige nivået, mens et utbrist verdensener som Journal of Global History bare er på nivå 1 (de delvis naturlige nok ikke helt samme tema). Publisering i det norske tidsskriftet gir alle tre ganger så mye nåbar prestisje som det internasjonale oppdriftstidsskriftet. Sociologiforsker og tidsskriftredaktør Cathrine Holst har et liknende eksempel fra sitt fagfelt.

– Overskattet – Jeg ble veldig overasket da jeg så at tidsskriftet som Journal of Applied Psychology, der jeg selv neppe hadde

antatt toppen i tidsskriftene. Det gir forskerne hele tre ganger så mange publiseringspoeng som nivå 1. Nivå 2 skal være eldste og kan etter reglene for å måle maksimalt 20 prosent av publiseringene på et fagfelt. Alle det best av det beste.

Holst forteller at nivået er et enkelt å kommunisere til sine kolleger. – Dette er noe folk bryr seg om og snakker om. Og vi oppmuntrer jo til å publisere på nivå 2. I praksis brukes dette også til vurdering av individer, selv om ikke det var hensikten. Systemet oppgavner til å prioritere tidsskriftene det er enkelt å kommunisere til, sier hun.

Holst uttrykker at satsere og professorer signaliserer sterke signaler i hvordan de yngre, som har vært i bedrift og arbeider i næringslivet, skal forholde seg til systemet.

Professor Øyvind Østerud er professor i Vitenskapsteori og professor i statsvitenskap.

Vilkårlig – Systemet er det nivået og et problematisk og uten verdens grunnlag. Noen tidsskrifter er uantvitelig sentrale, men andre er i praksis, beretter han. Selvsledes har fagfeltet som i stor grad avgjør

hvilke nivåer fagets tidsskrifter skal plasseres på. Den endelige beslutningen tar av det overordnede publikasjonssystemet.

– Jeg liker ikke måten jeg har det på. Det er viktig, men for å bli relevant, må man være relevant. Det er viktig, men for å bli relevant, må man være relevant. Det er viktig, men for å bli relevant, må man være relevant.

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Forløsning

I Aftenposten 23. august kunne vi lese at mer enn 17 prosent av norske padbær blir forlest ved leilingsnett, og det betyr ikke bare lite biologisk sannsynlig heiler, og trafikker det. Den som blir forlest ved en fødsel er den fødende kvinnen, og nettsaken har ordnet det så vidt – i praksis mitt eller ikke – at hun pr. definisjon er i fagrens moden alder og ikke noe padbær.

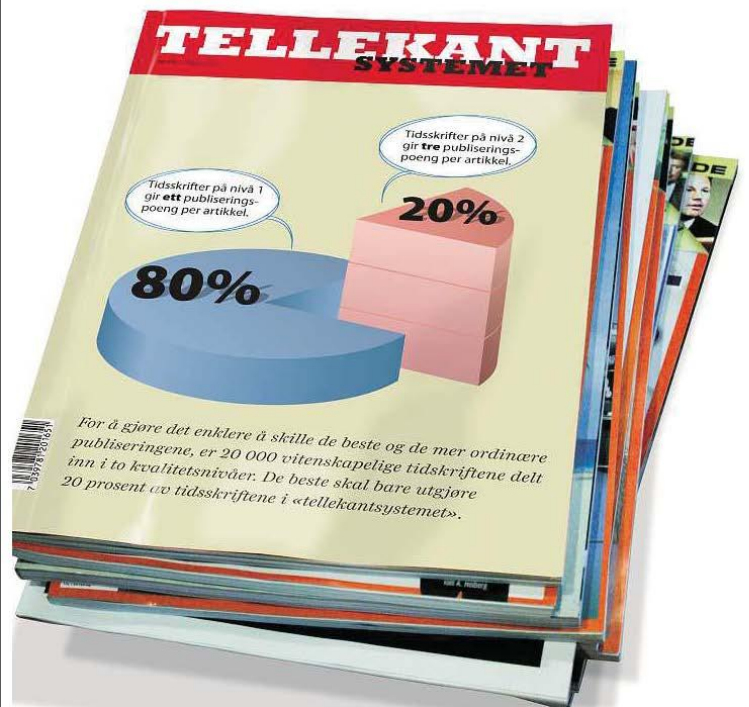
Barnet blir derimot født. Det er sannsynlig at forløse henger sammen med læse og lærer. Det er ikke knyttet, for barnet blir jo lært fra morsen når det er forløst til verden og nævles trenger er knyttet. Vi har ordet dinnet fra tysk-«Giswade» (hun ble to år) skriver den bestselgende legen Ignaz Semmelweis (1818-1862) om en 19-årig mor som ble forløst, men som tragisk nok døde

av barebeber et par dager senere. Ordet kan også brukes overført. Vi må ha gjerning om at en forfatter er forløst når han eller hun har brukt et litterært verk frem i dagen. En kritiker kan innvende mot et nytt verk at det ikke er forløst eller at det er uforsøkt, og det er altså noe som må gjøres på at det er fullt innommet eller vellykket.



Per Egil Høggø

SPRÅKET VÅRT



Forsker: Systemet er en suksess, men omstridt

Det skjeve tellekantsystemet har bidratt til en kraftig vekst i publiseringen av norske vitenskapelige artikler de siste årene. Nå vil flere land ta det i bruk.

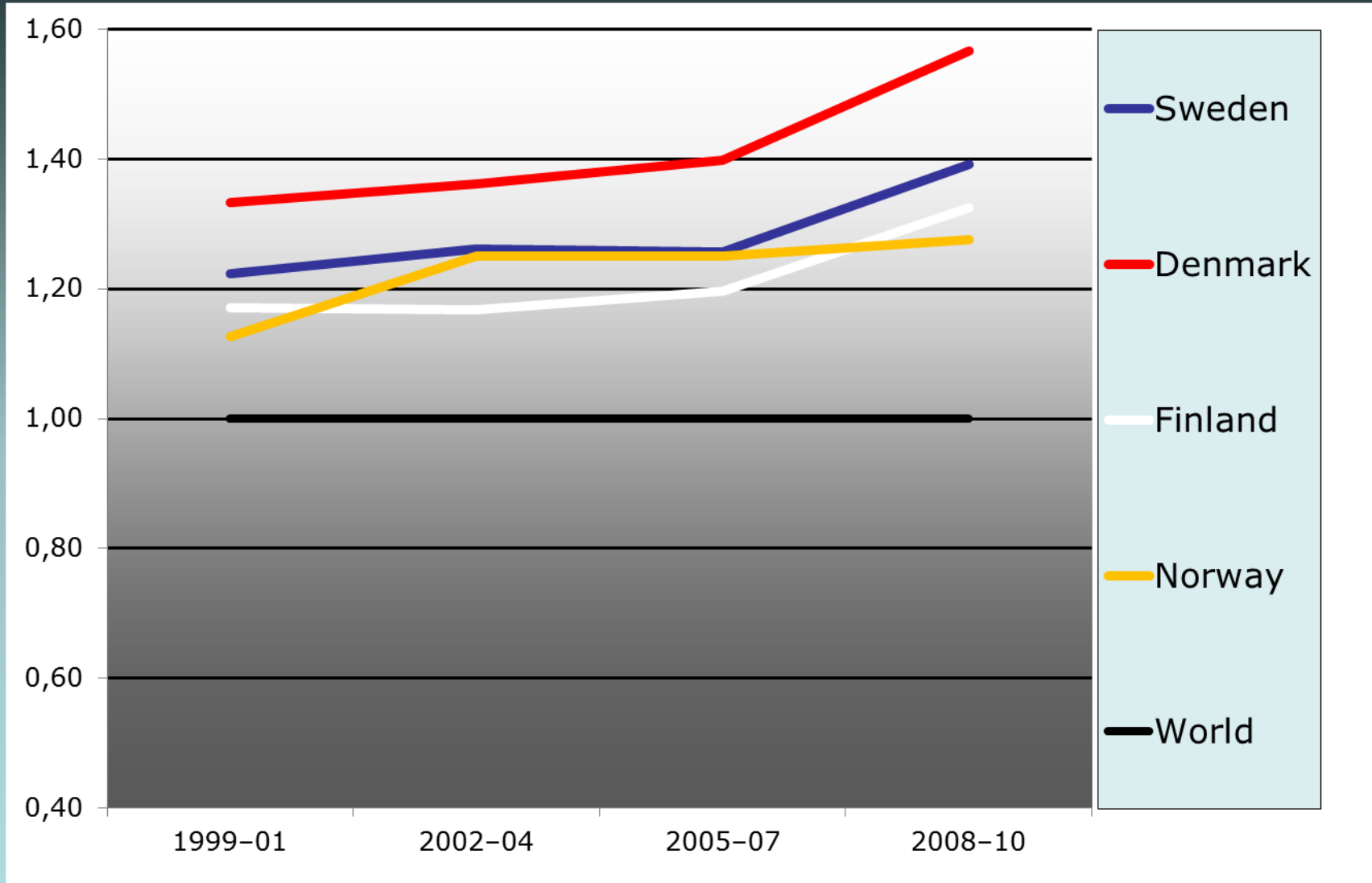
Forsker Gunnar Sivertsen ved NIFU, Nordisk institutt for studier av innovasjon, forskning og utværing, kommenterte i sin tid forslaget til tellekantsystemet, som nå er blitt et internasjonalt obligatorisk artikkel. Både Belgia og flere nordiske land har allerede innført eller vurderer å innføre det. Nordsk forskning er nemlig på 60 prosent mer å se i lebdende kanal enn internasjonalt enn for bare seks år siden.

Økingen skyldes i stor grad innføring av tellekantsystemet. – Det er et en suksess, men det er ikke det mest utvilsomt overalt hvor det innføres. Når det er et spørsmål om å innføre det i det hele tatt bør være å innføre det i et internt diskusjon, sier Sivertsen. Han velger at systemet tilhører land som har negative utslag fordi det er et effektivt. – Man kan kanskje kalle det en slags

overeksponering. Måltøne blir veldig opprett av publiseringspoeng og mindre opprett av nye forskningen. Men for å si det rett ut, vi var på et veldig høyt nivå sammenlignet med andre land. Noe må gjøres. Vi hadde de mest halvparten så mye publisering som andre. Nå er vi opp på et nivå som er høyt. Men disse systemer bør kontinuerlig vurderes, sier Sivertsen.

«Valgene vi tar, blir fort veldig viktig å tenke på, men for å få store konsekvenser»
Øyvind Østerud, professor i statsvitenskap ved Universitetet i Oslo, sier at det er viktig å tenke på valgene vi tar, men for å få store konsekvenser.

Criticism D: What happens to research quality? Should we measure impact?



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Results from an evaluation in Denmark in 2012

- Difficult to measure effects after only three years
- Keep it, and keep it simple / add citations
- Increase transparency and statistical use

Questions for an evaluation in Norway in 2013

- Does the indicator balance well between different domains of research?
- Are the two levels appropriate?
- What happens to research collaboration?
- Changes in the publication patterns?
- How is the indicator perceived by researchers?
- The impact on research and on other activities
- Local use of the indicator