

Nordic Open Access

Background and Developments

**10th Fiesole Collection Development Retreat
March 28-29, 2008**

Ingegerd Rabow, Lund University Libraries, Head Office.



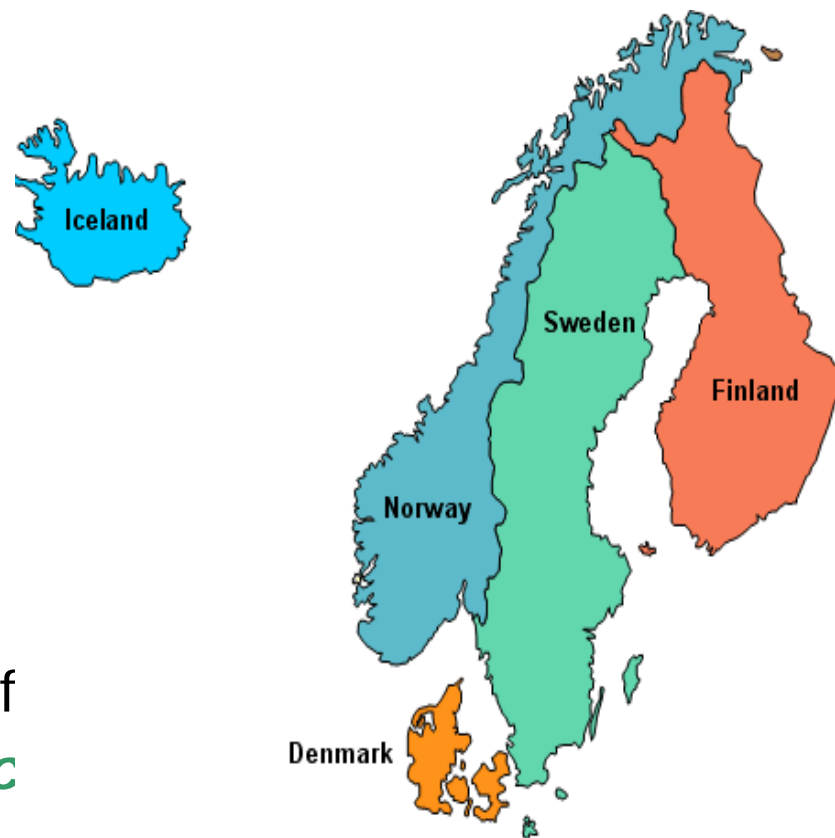
Based on

State-of-the-art report on open access in the Nordic countries.

T. Hedlund and I. Rabow
Commissioned by Nordbib 2007

and on

Reports by the Nordic editors of
ScieCom info - Nordic- Baltic Forum for Scientific communication. 2008



The Nordbib Program 2006-2009

- A research funding program financed by the ***Nordic Council of Ministers*** (DKK 12.3M) and ***NordForsk*** (DKK 10M)
- Budget terms
 - The program finances max. 40% of the costs
 - Requires co-financing from national or Nordic sponsors .
- **Three focus areas:**
 - ✓ **Policy and Visibility - WP 1**
 - ✓ **Content and Accessibility - WP 2**
 - ✓ **Infrastructure and Interoperability - WP 3**



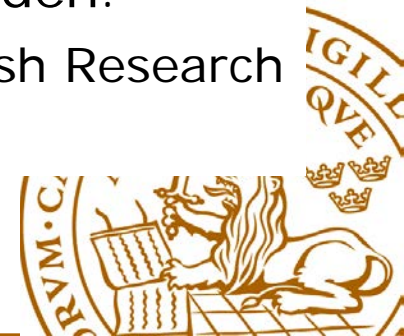
Nordbib projects 2007 -

- ✓ ***Aiding scientific journals towards open access publishing***
- ✓ ***Build an e-print archive for Nordic arts and humanities – H-prints***
- ✓ ***Development of an information environment architecture for the Nordic countries***
- ✓ ***Networks and knowledge dissemination in Nordic Asian study institutions***



Aiding scientific journals towards open access publishing - WP2

- Analyse significant issues and make recommendations.
- Improve the infrastructure for operating OA journals
- Create a network of stakeholders in Nordic OA publishing
- Strengthen publishing at Nordic universities
 - Six focus areas:
 - **Editorial software systems** – **Business models**
 - **Communication platforms** – **Copyright support**
 - **Low volume printing** – **Governmental funding policies**
- Participants: publishing, libraries, universities, learned societies from Denmark, Finland, Norway, Sweden.
- The Swedish participation co-financed by the Swedish Research Council and the openaccess.se programme



sciecominfo

Nordic-Baltic Forum for Scientific Communication

- A two-year project supported by Nordbib
- Mission:
 - To increase the international visibility of Nordic and Baltic policies and activities
 - To promote discussion and knowledge exchange between Nordic and Baltic stakeholders
 - To stress the importance of Open Access in the Nordic and Baltic countries
 - To describe both theoretical and best-practice models for financing, rights management and other fundamental issues
 - Editors from all the Nordic countries and from Balticum



Nordic repositories

OpenDOAR/recent local surveys

Country	March 2007	March 2008
Denmark	6	8
Finland	7	13 (27)*
Iceland	0	2
Norway	10	10
Sweden	30	30 (33**)

- * Recent Finnish survey
- ** Recent Swedish survey

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Denmark.1.

- OA is gaining momentum in Denmark also among researchers and politicians
- Open Access journals exist and the number will grow
- OA journals are now accepted by large parts of the research community as “proper” journals
- Many libraries have experimented with OJS-Open Journal Systems, as a result of a DEFF systems evaluation
- Self archiving has been established in some institutions and there is ongoing work on a preservation infrastructure.
- The active support for international initiatives is still low
- The Danish Library Agency has as signed the SCOAP3 EoI. Only two libraries, The Royal Library and Roskilde, have signed the Berlin Declaration





Denmark.2.

- A good example of the changing attitude towards OA is the new publication policy adopted by the Research Council for Culture and Communication early this year for 2009
- To obtain support from the Council, journals must be open access after a certain embargo period
- This initiative is very important, as many journals published in Denmark belong to areas covered by the Research Council for Culture and Communication
- Their new policy may mean the demise of traditional journals in five years' time. It has caused some public debate about consequence for publishers in "narrow" fields





Denmark.3.

- The approach to OA follows three parallel roads:
 - Raise awareness on political and organizational levels
 - Establish OA journals and encourage self-archiving
 - Active use of and participation in international activities
- *DEFF Information Supply Program Committee* has commissioned an OA roadmap with a common strategic vision. DEFF will use it to initiate activities to increase the uptake of OA
- The University of Aarhus is converting traditional journals to online. The State and University Library provides this service with advice from *Copenhagen Business School (CBS)*.
- CBS started their service already in 2003. Since then the number of downloads has exploded, from just below 16.000 in 2004 to 233.000 last year





Finland.1.

- "Recommendations for the promotion of open access in scientific publishing in Finland" was published in 2005.
- As a result the *Ministry of Education* funded "**OA-JES**" (2006-2007), a project for finding means to advance OA-publishing in Finland.
- It was coordinated by the *National Library*. Partners included *Helsinki University of Technology* and the *Federation of Finnish Learned Societies*.
- Co-operation with the *FinnOA* working group was intense.. Efforts concentrated on three activities:
 - OA publishing information to all stakeholders
 - Promoting OA repositories and giving technical support;
 - Building an OA publication platform for publishers of scientific journals in Finland.





Finland.2.

1. An information campaign was run, targeting key groups
2. To help establishing OAI-compatible repositories, a part-time coordinator was employed to give advice, technical support, and information. Repository criteria were adopted:
 1. Provision of full-text documents on local servers,
 2. Open availability of both metadata and full-text
 3. Long term availability, (stable document identifiers, e.g. URN)
 4. OAI-compatibility.
- The repository project followed two parallel strands:
 1. National coordination of repositories
 2. A national service, providing a central DSpace-platform for institutions without repositories. General support to all DSpace based repositories





Finland.3.

- **3) Build an open access publication platform**
 - Primarily for OA journals published by members of the *Federation of Finnish Learned Societies*, but also for other OA publishers
 - Open Journal Systems was chosen as the basis for development. It was adapted to local use by translating the interfaces into Finnish (partly Swedish)
- The platform is now ready, and accessible via the portal www.tisci.fi, and is used wholly or partly by 13 journals (not all OA)
- The work was done by the ***Federation of Finnish Learned Societies***, and continues as part of the Nordbib project "Aiding Scientific Journals Towards Open Access Publishing"





Norway.1.

- *NORA (Norwegian Open Research Archives)* started in 2005 and is a cooperation between Norwegian universities with financing from the Norwegian Digital Library
- *NORA* is a forum for co-operation and standardisation for all Norwegian Open Research Archives
- *NORA* applies a joint subject classification and quality controlled metadata
- *NORA* harvests metadata from all participating repositories and makes them accessible through a search facility
- *NORA* operates a website with information about OA for researchers, administrators, and decision-makers.





Norway.2.

- Major institutions have implemented policies ensuring publication of most master's theses and student papers
- Work has been done to ensure deposition of doctoral theses. There is a steady influx of reports, working papers etc
- Nearly 10, 000 research papers are published annually by Norwegian university and college employees
- A recent report indicates that 50-60% could be deposited in the form of the author's final refereed version
- Less than 4% of this potential is realized in *NORA*
- The *Norwegian Research Council* is working on an OA policy, analyzing alternatives and consequences





Norway.3.

- The Ministry of Education and Research requires registration of research publications in **FRIDA** by all university staff. University college staff must register in **ForskDok**
- Integration between **FRIDA** and **ForskDok**, and the local repositories has become operational to some extent, but use of the possibilities is still low. More information is needed
- The national research documentation systems are also used for research evaluation.
- University deans have the overall responsibility for the content in **FRIDA**. Since registered data are used as a basis for Ministry funding, quality control is essential





Sweden.1.

- Activities to promote OA started in the late 90s, primarily driven by university libraries and the *National Library*
- Early OA initiatives:
 - *Nordic Conference on Scholarly Communication*, 2002 -
 - *Directory of Open Access Journals (DOAJ)* 2003 -
 - *ScieCom* Swedish Resource Centre for Scientific Communication
 - *SVEP*, 2003-2005, established nationally accepted metadata standards and subject categories
- In 2003 the *Ministry of Education and Research* required universities to report their refereed output every 4th year
- This mandate and later large-scale university evaluations have prompted the birth of university publication databases
- 13 universities now require registration in such databases. Integration with full text will be a logical consequence





Sweden.2.

- **The National Library** funds and coordinates library development projects. Several have dealt with publishing. Openaccess.se is their latest program. **NL** signed the Berlin Declaration in 2006.
- **The Swedish Research Council** is responsible for research funding, research policy, and science communication. It is the largest public funder, ca SEK 2.5 billion/year. The Council signed the Berlin Declaration in 2005, and is now considering an OA-policy for future grants applications.
- **The Association of Swedish Higher Education** organises all vice-chancellors. They signed the Berlin Declaration in 2004. OA and scientific communication issues are primarily handled by their expert group **Council of Library Directors**. Main focus areas:
 - Systems for research evaluation, incl bibliometrics
 - Access to digital information resources
 - Development and operative management of modern systems for handling scientific information and making it accessible





Sweden.3.

- **Openaccess.se** is a four-year program, with co-funding for specific projects from others, e.g. the **Swedish Research Council**
- A total of 17 projects have funding. Examples:
- ✓ **Copyright in a New Publishing Environment.** A practical guide for researchers, based on a survey of legal practice at HE-ins.
- ✓ **Journal info - jinfo.lub.lu.se** presents information on quality, price, copyright policies, and accessibility for >18,000 scientific journals.
- ✓ **OA and information provision to private businesses.** Survey of selected private R&D companies. Access, usage, financial support
- ✓ **Unified access to Swedish scientific publications.** Harvest metadata, build a secure infrastructure for reporting and analysis of the Swedish research output. **Swepub**
- **signing the SCOAP3 Expression of Interest (HEP-libraries)**



Publishing in the Nordic languages

- Problems
 - Visibility
 - Audience
 - Usage
 - Impact
 - Language
- Solutions
 - Discontinue print
 - Open Access
 - Journal support
 - Nordic Portal
 - English summaries



Nordic Journal support

- According to **DOAJ**, most OA-journals in the humanities and social sciences do not charge publication fees. Those doing so are mostly hybrids
- Many Nordic journals depend on tax funding and/or other funding
- In 2006 the **Research Council for Humanities and Social Sciences** supported 28 journals with a total of SEK 2.8M. *The Nordic Board for Periodicals in the Humanities and the Social Sciences* supported 38 titles: DKK355,000
- Both these organisations are now in serious discussions about requiring OA as a condition for receiving journal support

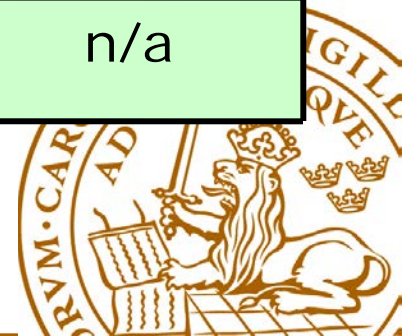


Nordic Publications

Academic/scholarly, active, refereed

Ulrich's Periodicals directory, March 13, 2008

Country	Total	Online	OA	JCR	Local lang
Denmark	215	65%	3%	37%	31%
Finland	98	45%	16%	13%	53%
Iceland	16	25%	6%	6%	63%
Norway	116	63%	5%	25%	41%
Sweden	168	47%	8%	23%	45%
All countries	23,991	65%	8%	29%	n/a



DOAJ

Directory of Open Access Journals

Journals published in the Nordic countries

Country	Dan	Fin	Nor	Swe	Eng	Oth	Total*
Denmark	2		1	1	8	1	9
Finland		4		4	17	2	17
Norway			7		10		13
Sweden	2		1	5	18	1	18
Iceland	1				1	1	1

• **Country of publication**

• March 13, 2008

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Sociological Abstracts ca 1960 -

Country - affiliation	Number of Publications	% local lang (=2002-)	% English (=2002-)
Denmark	1,498	12 (0.2)	82 (90)
Finland	2,682	27 (8)	69 (91)
Norway	2,121	18 (3)	78 (95)
Sweden	3,797	14 (6)	82 (93)



Arts & Humanities Citation Index 1995-

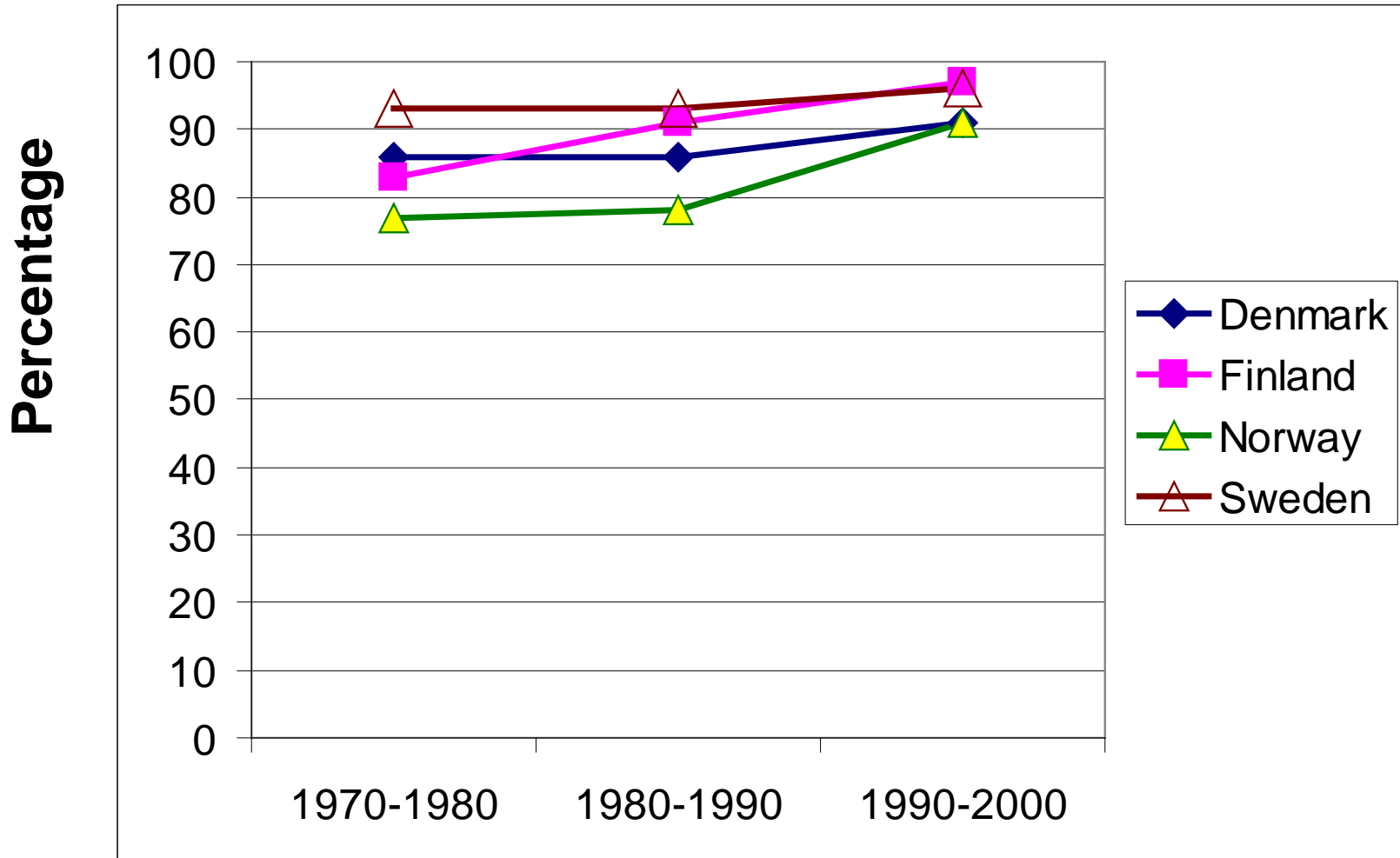
Country	Number of Publications	% local languages	% Eng (=2002-)
Denmark	2,014	1%	80 (83)
Finland	1,574	0,2%	87 (87)
Iceland	129	0,8%	92 (93)
Norway	1,769	23%	68 (74)
Sweden	2,610	7%	77 (78)

Jan 23, 2008

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Social Sciences Citation Index publications in English per country



Nordic articles.

BMC and *PLoS* journals

Country	BMC	Members	PLoS**	Members
Denmark	699	1	11	-
Finland	475	5	12	-
Iceland	45	-	4	-
Norway	767	4	10	-
Sweden	1,371	7(8)*	38	1

BMC Jan 20, 2008
PLoS March 2008

*One private company
** Via PubMed



Articles in PubMed and PubMed Central

Nordic affiliations, published last 5 years

Country	PubMed	PMC	% PMC
Denmark	20,889	1,996	10
Finland	17,909	1,276	7
Iceland	881	72	8
Norway	13,070	1,325	10
Sweden	39,553	3,381	9

PMC Jan 29, 2008

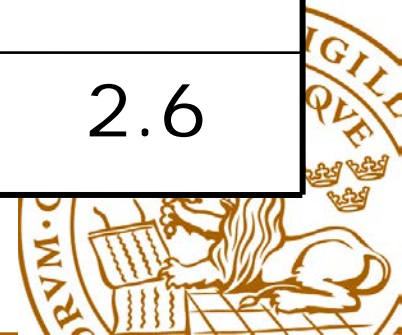
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NIH-supported articles 2005-

Nordic affiliations

Country	Total	NIH-support	% NIH
All countries	2,120,614	211,103	10
Denmark	13,807	300	2.2
Finland	11,693	245	2.1
Iceland	531	20	3.8
Norway	9,121	162	1.8
Sweden	26,367	672	2.6



Challenges for the future

- Funding of research output – models, policies
 - SCOAP3 - Memberships
 - Repositories - OAJs
- Publishing in the Nordic languages
 - Public journal support
- Quality control- refereed publications
 - Workflows, instruction, standards
 - Integration of registration and full-text databases
- Copyright management – legal advice
- Preservation and development of services





**Fourth Nordic Conference
on Scholarly Communication**

Openness

Trade, Tools and Transparency

21-23 April 2008, Lund, Sweden

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