

Bridge over troubled water - using the CRIS in building Open Access infrastructures

Nina Karlstrøm, CRIS^{ti}n



Our mandate...

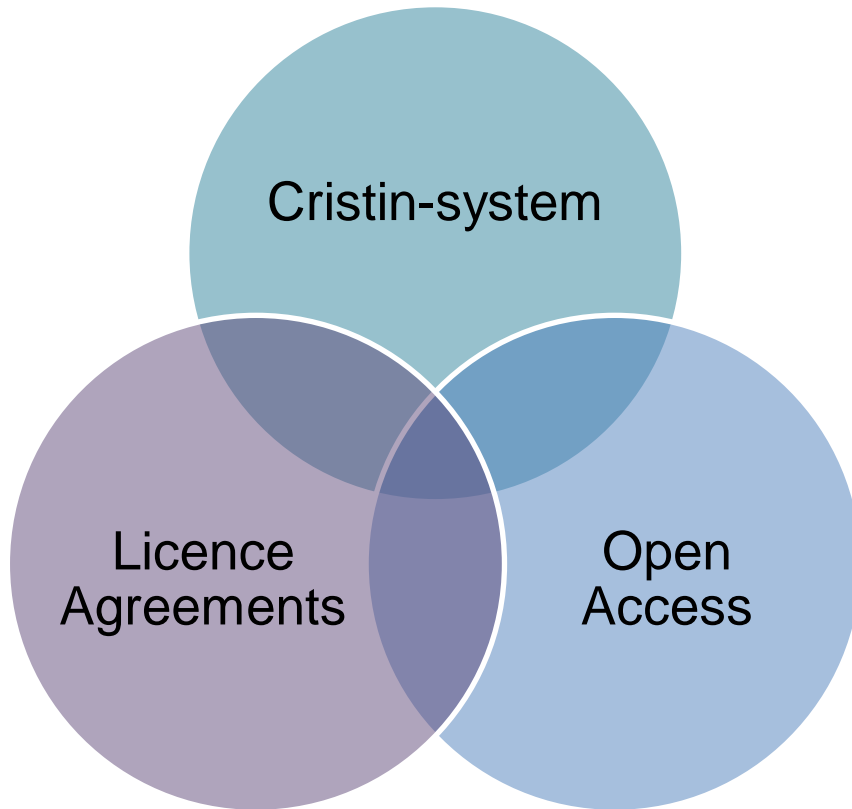
Cristin

“This Government thinks that in principle all publicly funded scientific research should be made publicly available.”

Lange linjer – kunnskap gir muligheter
St. meld 18 (2012-2013)



Who we are

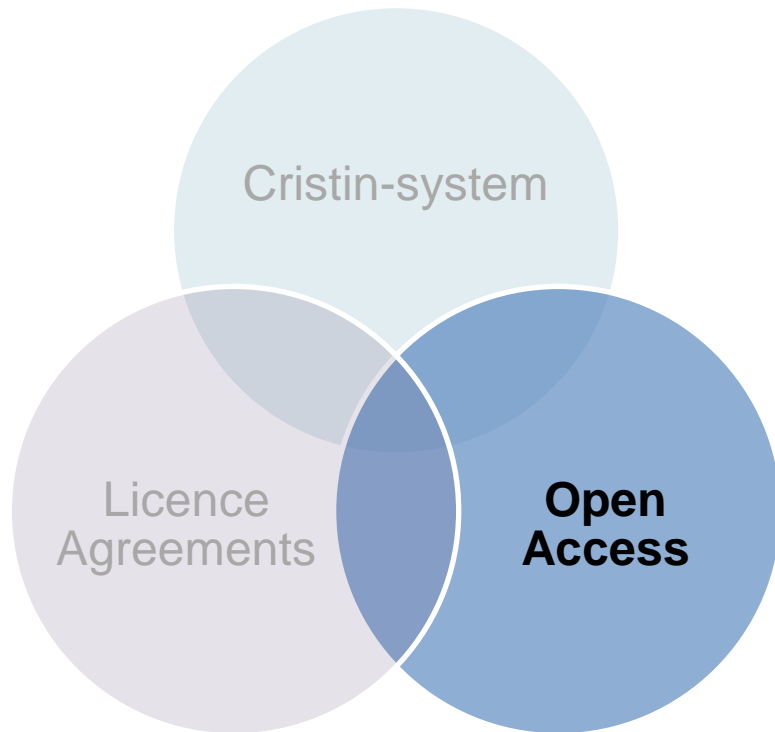


Owned by the Ministry of Education and Research in cooperation with the Ministry of Health

Established Jan 1st 2011

Open Access


Cristin



- National coordinator for Norwegian Open Access
- From 2011 responsible for NORA (Norwegian Open Archives)
- Works to promote both the Green and Gold road towards Open Access

Action plan

- **Infrastructure projects**

- Mainly along Green OA. Build a highway from the CRIS to the institutional repositories. Better search engine combining the CRIS and the IR's 
- Work closely with other institutions on exchange
- Establish indicators within in the CRIS^{ti}n system to measure OA impact

- **Political – strategic**

- Promote Open Access on all levels – government, institutional and research

What is Open Access

Open Access (OA) refers to unrestricted online access to articles published in peer-reviewed scholarly journals. It means free access to reading and downloading, and the author maintains copyright to his/her article



What is the difference?

The transition to Open Access shifts focus from product to service – from reader to author

- Subscription based journals are a ***product*** where the reader must pay to gain access
- Open Access-journals are selling a ***service*** offering peer-reviewing and editorial support

CRIS and Open Access

- The CRIS is the single point of entry for all Norwegian research
- The CRIS is where accepted versions of articles for self-archiving are uploaded and transferred to institutional repositories
- The CRIS gives information on where articles are published
- This information can be used to identify potential articles for self-archiving



Prerequisites

- A national CRIS for all research output
- Weighted funding model based on reported publications
- Control on a national level
- Easy extraction of data and statistics



Building a highway to the repositories

The CRIS performs some vital tasks:

- Makes it simple for a researcher to upload a fulltext file when registering a record in the CRIS
- Makes the transfer of fulltext to a repository as smooth as possible

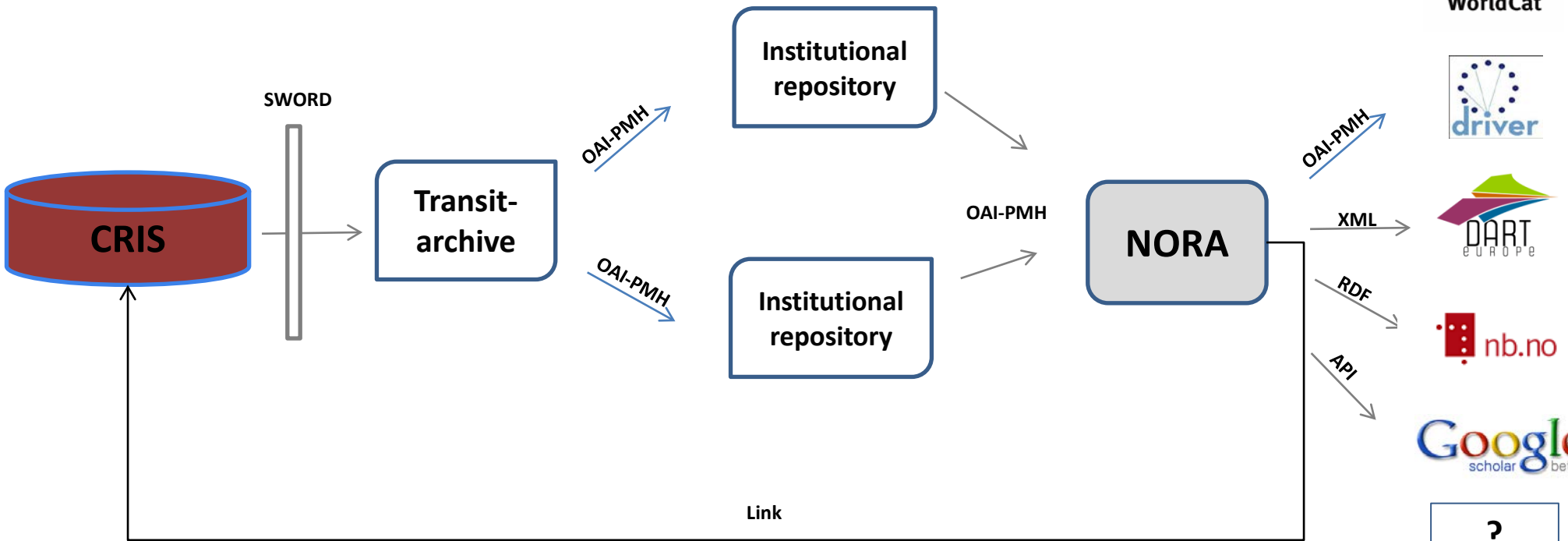
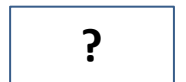


Dataflow: The technical side

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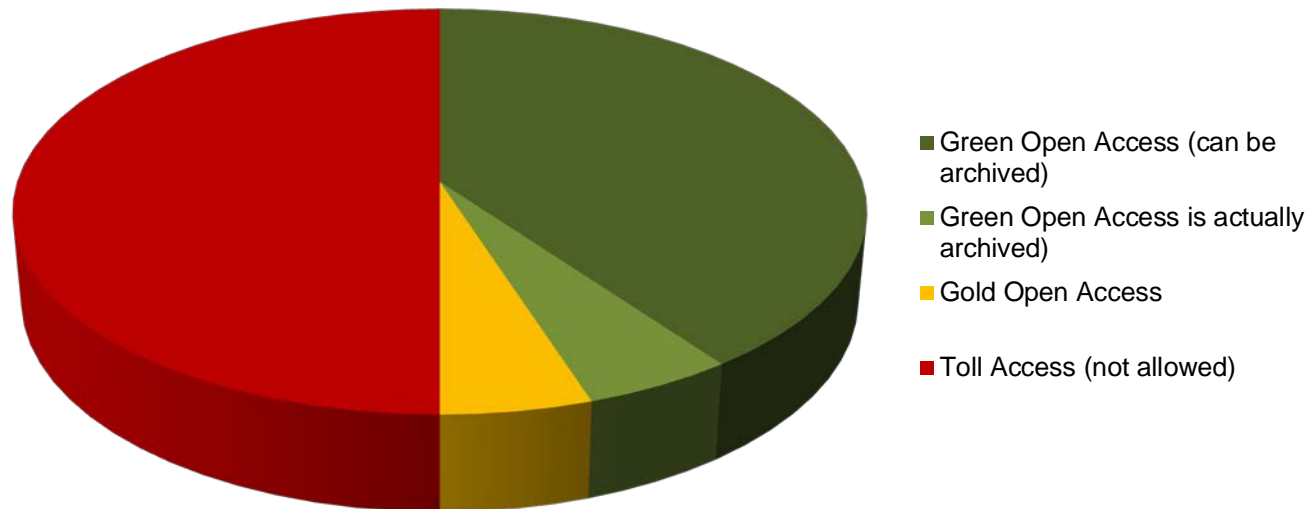


WorldCat



Potential for Green Open Access

There are 20 000 bibliographical records in the CRIS for 2012. How can we exploit this to boost Open Access?

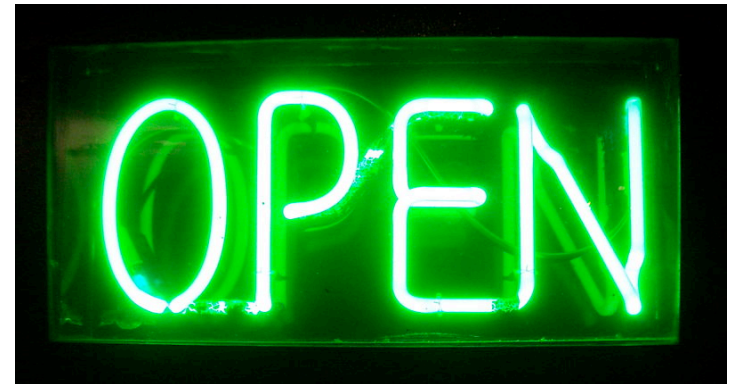


40% of articles registered in the CRIS could have been self-archived in a repository but is not.

Check for candidates

Green Open Access articles:

- Check each record in the CRIS against SHERPA/ROMEEO
- If a positive hit, send record to a separate list
- Repository manager receives list and contacts author for uploading
- Repository manager has to do the final clearance



Check for candidates

OpplystingFulltekst (11).xls [Compatibility Mode] - Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

A1 Ikke opplastede poster for kategori Tidsskriftspublikasjon ved Det matematisk-naturvitenskapelige fakultet 01/2012 til 06/2012

Arstall	Registrert	Endret	Postnr	Forfatter	Publiserer	SHERPA/ISSN	Kategori	Tittel
2011	08.01.2012	08.01.2012	879267	Aad, Geor	Physics L	Green L	0370-2693	Vitenskap Search for heavy long-lived charged particles with the ATLAS detector in pp collisions at root s
2011	07.01.2012	07.01.2012	879186	Aad, Geor	European J	Green L	1434-6044	Vitenskap Limits on the production of the standard model Higgs boson in pp collisions at root s=7 TeV w
1999	13.12.1999	31.01.2012	447352	Aaheim, H	Mitigation	Green L	1381-2386	Vitenskap Climate change and local pollution - an integrated approach
2000	31.05.2000	31.01.2012	444614	Aaheim, H	Integrated	Not found	1389-5176	Vitenskap The value of the environment - Is it a matter of approach?
2011	05.04.2011	18.01.2012	801191	Aak, Ande	Entomolog	Not Green	0013-8703	Vitenskap Phenology and life history of the blowfly Calliphora vicina in stockfish production areas
2011	16.12.2011	30.01.2012	868967	Aaltonen,	Chemistry	Not Green	0897-4756	Vitenskap Atomic Layer Deposition of Li2O-Al2O3 Thin Films
2011	02.11.2011	22.01.2012	849801	Aamaas, I	Tellus. Ser	Green L	0280-6509	Vitenskap Elemental carbon deposition to Svalbard snow from Norwegian settlements and long-range tra
2011	28.11.2011	30.01.2012	862227	Aamodt, I	European J	Green L	1434-6044	Vitenskap Production of pions, kaons and protons in pp collisions at root s=900 GeV with ALICE at the L
2011	30.01.2012	30.01.2012	898796	Aamodt, I	Physics L	Green L	0370-2693	Vitenskap Rapidity and transverse momentum dependence of inclusive J/psi production in pp collisions a
2011	30.01.2012	30.01.2012	899171	Aamodt, I	Journal of	Green L	1742-6588	Vitenskap pi0 and eta reconstruction from photon conversions in ALICE for first p-p collisions at the LHC
2011	15.12.2011	05.01.2012	868683	Aarnes, Ir	Geochemi	Green L	1525-2027	Vitenskap The impact of host-rock composition on devolatilization of sedimentary rocks during contact m
2011	26.01.2012	26.01.2012	896750	Ahmed, N	Zeitschrift	Not Green	0044-2313	Vitenskap The Mixed-Valence, Mixed-Ligand Complex Co3(thd)3(EO)4(tert-BuCOO)
2012	18.01.2012	18.01.2012	888943	Akhlaghi, I	Therapeuti	Not Green	0163-4356	Vitenskap The concentration of cyclosporine metabolites is significantly lower in kidney transplant recipie
2011	09.09.2011	09.01.2012	838316	Akselsen,	Tetrahedro	Green L	0040-4020	Vitenskap ortho-Formylation of estrogens. Synthesis of the anti-cancer agent 2-methoxyestradiol
2011	23.01.2012	23.01.2012	893379	Alam, Sai	Wireless F	Not found		Populærvit Interoperability of Security-enabled Internet of Things
2011	23.12.2011	04.01.2012	872500	Albert, Eln	Lecture Nc	Green L	0302-9743	Vitenskap Simulating Concurrent Behaviors with Worst-Case Cost Bounds
2011	10.11.2011	23.01.2012	851810	Aldrin, Maj	Journal of	Green L	1742-5662	Vitenskap Modelling the spread of infectious salmon anaemia among salmon farms based on seaway dis
2012	27.09.2011	23.01.2012	841955	Aldrin, Maj	ICES Journ	Not Green	1054-3139	Vitenskap Improving management decisions by predicting fish bycatch within the Barents Sea shrimp
2011	09.01.2012	09.01.2012	879400	Aleksic, J;	The Astrop	Green L	0004-637X	Vitenskap OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I
2011	28.10.2011	30.01.2012	848811	Alemu, Di	Journal of	Green L	0140-1963	Vitenskap Seed predation and moisture limit germination of recalcitrant Dobera glabra (Salvadoraceae) s
2011	18.10.2011	05.01.2012	846162	Alhooshan	Talanta: T	Green L	0039-9140	Vitenskap Electromembrane extraction and HPLC analysis of haloacetic acids and aromatic acetic acids
2011	02.08.2011	30.01.2012	831246	Allegrucci,	Molecular	Green L	1055-7903	Vitenskap Tempo and mode of species diversification in Dolichopoda cave crickets (Orthoptera, Rhaphid
2011	30.01.2012	30.01.2012	899535	Amaldi, R	Nuclear P	Green L	0375-9474	Vitenskap Heavy quarkonium production in the ALICE experiment
2011	18.12.2011	17.01.2012	869675	Ambrosi, A	PloS Com	Green L	1553-734X	Vitenskap Estimated Comparative Integration Hotspots Identify Different Behaviors of Retroviral Gene Tra
2012	06.01.2012	06.01.2012	878683	Andalsvik	Annales G	Green L	0992-7689	Vitenskap Substorms and polar cap convection: the 10 January 2004 interplanetary CME case
2011	09.08.2011	12.01.2012	832136	Andersen,	Acta Onco	Not Green	0284-186X	Vitenskap Pharmacokinetic analysis and k-means clustering of DCEMR images for radiotherapy outcom
2011	07.10.2011	31.01.2012	843945	Andersen	Journal of	Green L	1687-949X	Vitenskap Seasonal patterns of sporophyte growth, fertility, fouling and mortality of Saccharina latissima
2012	06.01.2012	06.01.2012	878621	Andersen	Nature Cor	Not Green	2041-1723	Vitenskap Structure-based mutagenesis reveals the albumin-binding site of the neonatal Fc receptor
2011	25.07.2011	02.01.2012	830347	Andersen	Journal of	Not Green	0021-9258	Vitenskap Extending Half-life by Indirect Targeting of the Neonatal Fc Receptor (FcRn) Using a Minimal A
2011	06.10.2011	04.01.2012	843699	Andersen	Chemistry	Not Green	0366-7022	Vitenskap Raman, UV/vis and CD Spectroscopic Studies of Dodecameric Oxy-Hemocyanin from Carcinu
2011	17.01.2012	17.01.2012	887814	Andersen	Journal of	Green L	0949-8257	Vitenskap Symmetry Breaking at the Cu2O2 Core in Oxy-Hemocyanin from Carcinus Aestuarii - a comb
2011	31.01.2012	31.01.2012	901347	Andersen	Lithos	Green L	0024-4937	Vitenskap Late-magmatic mineral assemblages with siderite and zirconian pyroxene and amphibole in th
2011	31.01.2012	31.01.2012	901541	Andersen	Geochroni	Not found	0292-8477	Vitenskap Le zircon dans les roches magmatiques - mieux q'un chronomètre
2011	23.01.2012	23.01.2012	893154	Andersen	Norsk Geo	Not Green	0029-196X	Vitenskap Provenance characteristics of the Brunndal sandstone in the Oslo Rift derived from U-Pb, L
2011	31.10.2011	30.01.2012	849392	Andersson	Journal of	Green L	0148-0227	Vitenskap Variability of the Norwegian Atlantic Current and associated eddy field from surface drifters

Tidsskriftspublikasjon Konferansebidrag og faglig pre Bok Rapport-avhandling Del av bok-rappl

Ready 100%

Send them through...

Cristin

Gold Open Access articles:

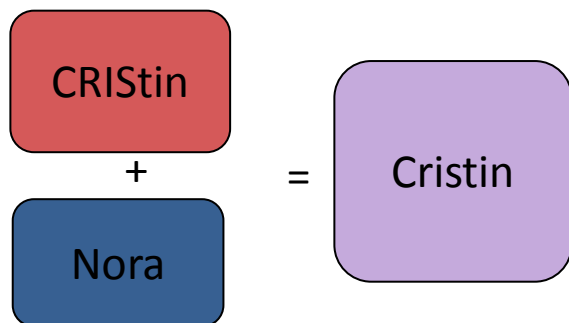
- Can be downloaded and pushed directly to repositories.
(If we know it is published in a genuine Open Access-journal and we have the link/DOI)
- Repository manager has to do the final clearance



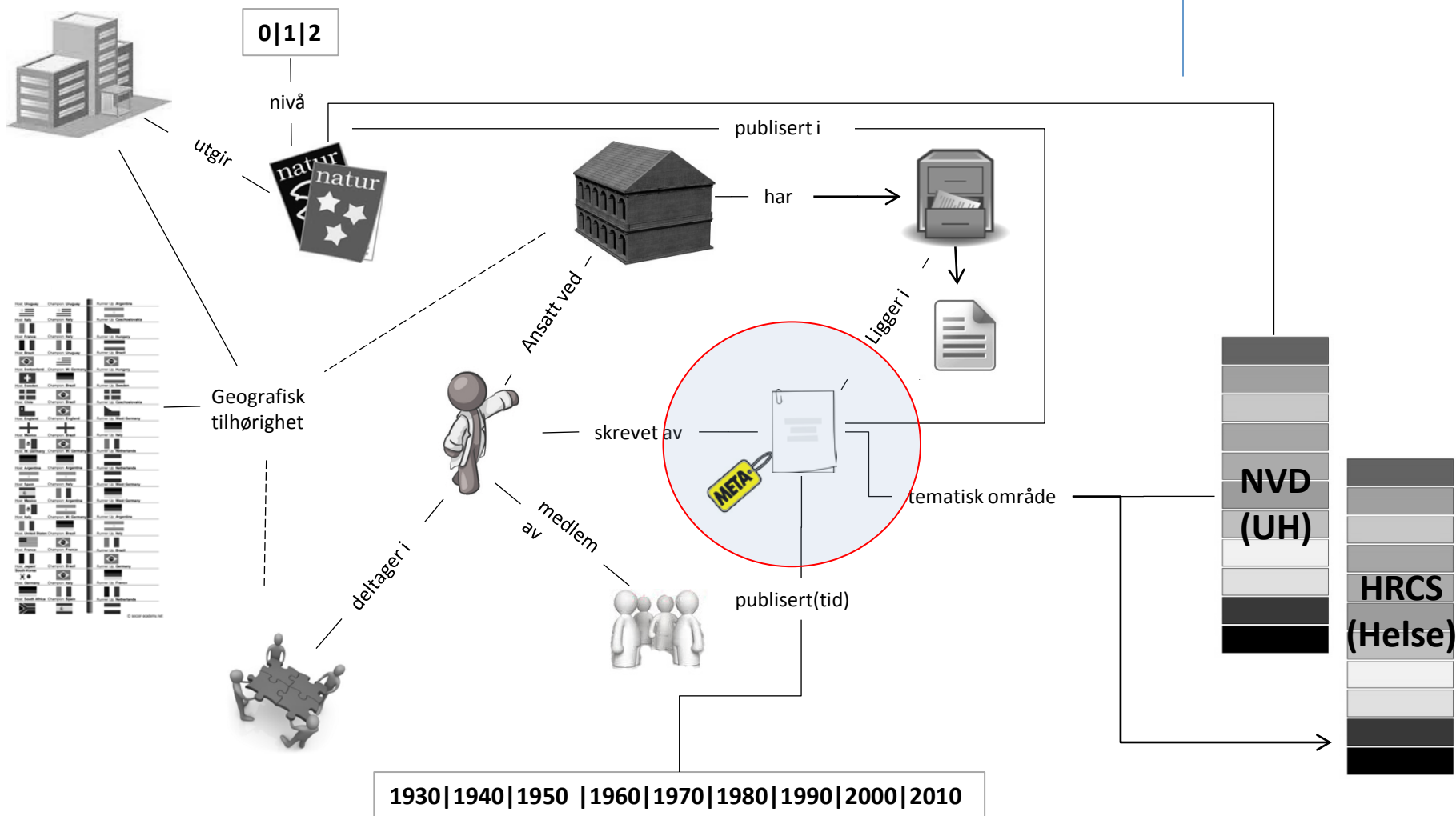
Spread the word

Still some work to be done by the CRIS:

- The CRIS must make sure that Open Access-publications is disseminated to services around the world
- This task is currently done by a service/portal called NORA (Norwegian Open Research Archives)
- Soon to be fully integrated into the CRIS



The best of both worlds



PASTEUR4OA

The logo for Cristin, featuring the word "Cristin" in a bold, black, sans-serif font. A small red dot is positioned above the letter 'i'. The logo is partially enclosed by a blue L-shaped line that extends from the top and left sides.

And the acronym?

Open Access Policy Alignment Strategies for European
Union Research

Proposal submitted in January under the Call "Science in
Society 2013 1.3.3.-1". Have got very positive reviews and
will be funded

Build on existing MedOANet

A decorative blue crosshair consisting of a vertical line and a horizontal line intersecting at the bottom-left corner of the slide.

PASTEUR4OA (continued)

- Scheduled to start in February 2014, duration 30 months
- Partners are:
 - EKT, Greece
 - Enabling Open Scholarship, Belgium
 - University of Minho, Portugal
 - CRISTin, Norway
 - Electronics Information for Libraries (EIFL)
 - EuroCRIS
 - Hungarian Academy of Sciences, Hungary
 - Politecnico di Torino, Italy
 - SPARC Europe
 - LIBER
 - JISC, United Kingdom
 - Hacettepe University, Turkey

PASTEUR4OA will:

- Support the aim of encouraging the development and matching policies on open access and open data in the European Union
- Follow up the European Commission's recommendation on "Access to and preservation to scientific information" (July 2012)
- Maximize alignment with the Horizon 2020 policy on access to the research funded by the Commission. The project will help develop and/or reinforce open access strategies and policies at the national level and facilitate their coordination among all Member States.

Sum up

- Open Access is here to stay
(you can ask EU and the White House if you don't believe us)
- Using the CRIS as a single point of entry for both metadata records and accepted fulltext versions of articles
- Transferring fulltexts from the CRIS to the repositories
Using the data in the CRIS to identify potential articles for self-archiving
- PASTEUR4OA will map and (hopefully) align policies across Europe
- So far, so good. Good synergy effects from combining OA and CRIS, and licencing and OA

