

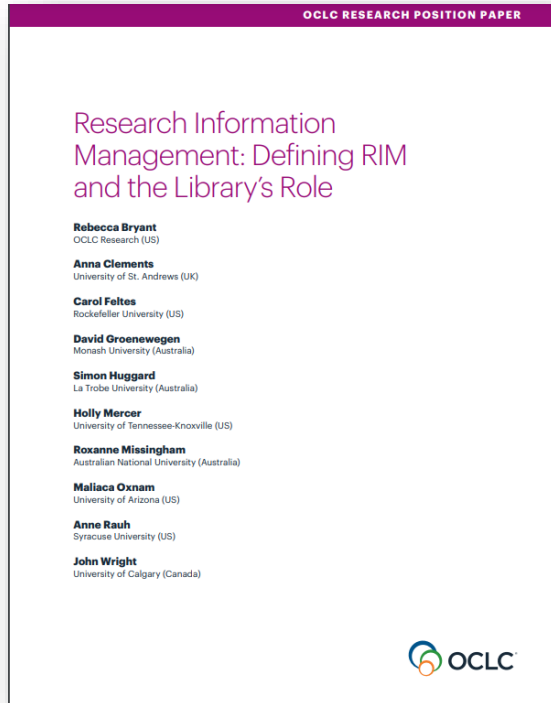


Navigating Open Science with a support of a CRIS/RIMS

Manik Sethi & Thomas Gurney
Elsevier



The increasing role of RIMS/CRIS



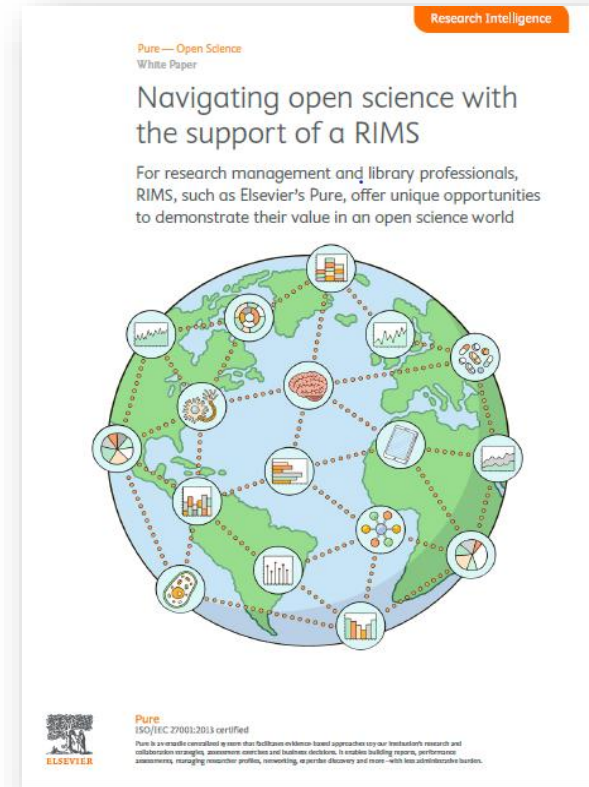
“RIM systems are increasingly supporting the open access deposit and discovery of locally produced research publications and datasets... This may be facilitated through RIM workflows that support researcher self-archiving into a separate repository, manual support by the library, use of the RIM system itself as a repository, or in combination.”

OCLC Research

2017: Research Information Management: Defining RIM and the Library's Role

How CRIS like Pure can help!

- Support and Track Open Access Publishing
 - Monitor and Manage Research Data
 - Increase the visibility of Research
 - Evaluating Progress towards open science goals
-
- Pure is ISO/IEC 27001:2013 certified
 - Trusted by 350+ institutions in 47+ countries



The Growth of Open Science



OPEN ACCESS PUBLISHING

Open Access Agreements

Elsevier has reached open access agreements with the following institutions. Click on a link below to find out more information.

For Information on Funding Arrangements, please visit this page.

50 Elsevier journals become Plan S aligned Transformative Journals

- Greece - HEAL Consortium
- Hungary - EISZ Consortium
- Ireland - Consortium of Irish Higher Education Institutions
- Italy - CRUI Consortium
- Japan - Japan Alliance of University Library Consortia for E-Resources (JUSTICE)
- Netherlands - VSNU
- Norway - Unit Consortium
- Poland - Polish Consortium
- Portugal (FCT)
- Qatar - Qatar National Library and Qatar University
- Saudi Arabia - King Abdullah University of Science and Technology (KAUST)
- Spain - CRUE-CSIC
- Slovenia - CTK Consortium
- South Korea - National Research Council of Science & Technology (NST)
- Sweden - BIBSAM
- Switzerland - CERN
- Switzerland - Swiss Universities
- Taiwan - CONCERT Consortium
- UK - JISC
- USA - California State University (CSU)
- USA - Carnegie Mellon University (CMU)
- USA - Cold Spring Harbor Laboratory
- USA - Department of Energy Laboratories
- USA - Kansas University
- USA - State University of New York (SUNY)
- USA - Tulane University
- USA - University of California (UC)
- USA - University of Florida (UF)
- USA - University of Idaho
- USA - University of Michigan
- USA - Washington University in St. Louis

OPEN DATA

nature

Explore content ▾ About the journal ▾ Publish with us ▾ Subscribe

nature > news > article

NEWS | 16 February 2022 | Correction 16 February 2022

NIH issues a seismic mandate: share data publicly

The data-sharing policy could set a global standard for biomedical research, scientists say, but they have questions about logistics and equity.



National Institutes of Health



Universities UK



National Science Foundation
WHERE DISCOVERIES BEGIN



European Commission



Australian Government
Australian Research Council

Website Support

Data Monitor

Grants Monitor

Telescope (Equipment
Monitor)

Rare Diseases Monitor

Preprints Monitor

Services

Various services which aim to support the open science ambitions of the Dutch focus (amongst others) on supporting FAIR data, improving the transparency of the reproducibility of research, etcetera.

How to be involved?

Anyone can suggest ideas for new services. Pilots are considered and approved according to the three-step process below.

<https://epdos.nl/>

Support and Track Open Access Publishing

How can Pure help?

- Find and import Open Access content
- Track (and encourage) compliance with Open Access requirements
- Advise on open access options and policies



How are Universities using Pure for OA reporting?

*“In Denmark, we have a national open access strategy stating that by 2025 we will have 100% open access to all articles arising from publicly-funded research. Publications don’t have to be gold, they just have to be accessible.... **we’ve set up a report in Pure which tells us which of our publications don’t have an open access version of (either embargoed or accessible).**”*



Panel discussion on Open Science during Pure International Conference 2021(virtual)

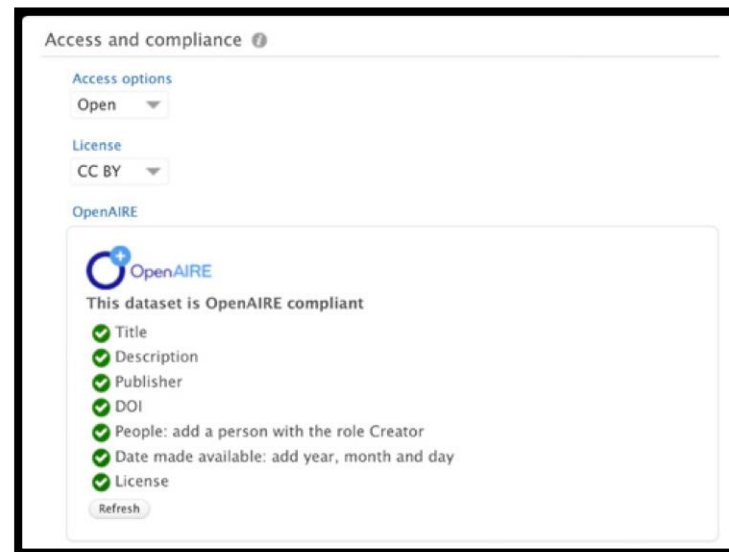
Source: <https://elsevier.widen.net/s/8gfhts8fmb/welcome-panel-discussion-on-open-science>

Pernille Seier,
Information Consultant in the Library,
Technical University of Denmark, Denmark

Monitor and Manage Research Data

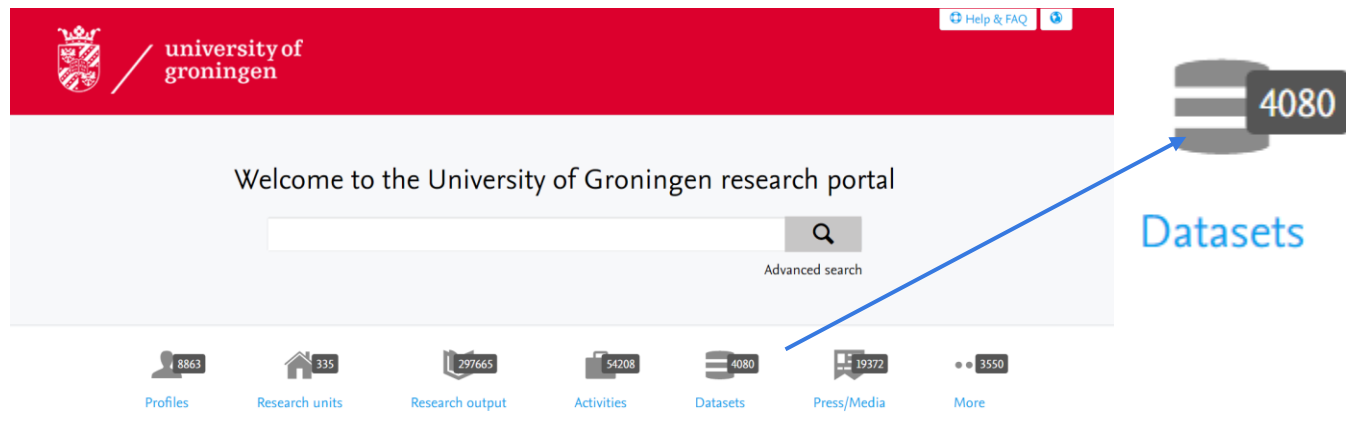
How can we help?

- Store, find, track and demonstrate the breadth of data institutions generate
- Insights into which external repositories researchers are using
- Access to data required for compliance with reporting requirements at a national, regional or institutional level.



The OpenAIRE dataset access and compliance overview screen in Pure

Monitor and Manage Research Data



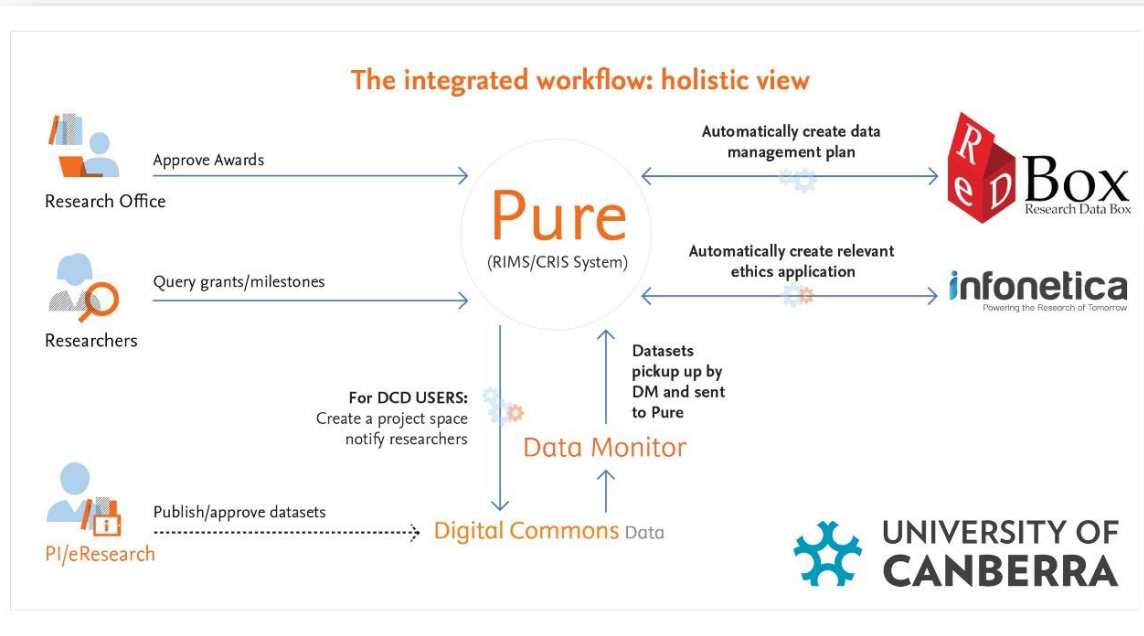
The screenshot shows the University of Groningen research portal. At the top, there is a red header with the university logo and name. Below the header, a welcome message reads "Welcome to the University of Groningen research portal". A search bar is present with a magnifying glass icon and the text "Advanced search". At the bottom, there is a navigation bar with several widgets: Profiles (8863), Research units (335), Research output (297665), Activities (54208), Datasets (4080), Press/Media (19372), and More (3550). A blue arrow points from the "Datasets" widget to a larger, stylized representation of a database cylinder with the number "4080" and the word "Datasets" in blue text.

“Now that Data Monitor is integrated with Pure, our Pure Portal is starting to show a much fuller picture of our research. It makes Pure more complete in all the aspects important to a modern researcher. And it’s visible for everyone to see.”

Source: <https://elsevier.widen.net/s/bmphqjrjdx/acad-lib-rl-datamonitor-pure-case-study-web>

Christina Elsenga,
Scientific Information Specialist,
The University of Groningen, The Netherlands

Monitor and Manage Research Data



“The end-to-end and streamlined research data management process enabled by the integration helps us adopt best practices for data management and creates a safe and secure data environment for all research stakeholders.”

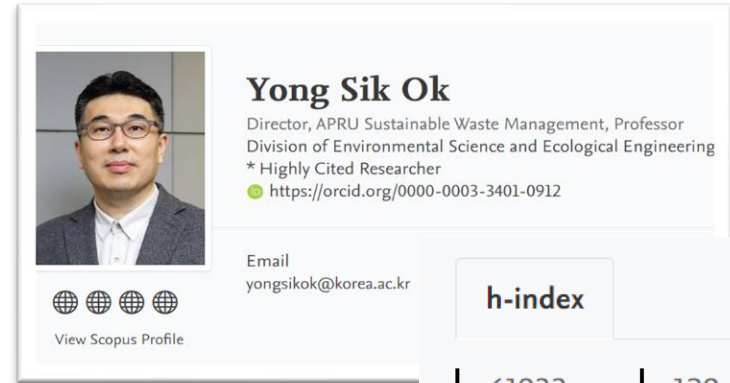
Dr. Anesh Nair,
Manager - Research Ethics
University of Canberra

Increase the visibility of Researchers

“Pure isn’t just a platform for research outputs; it also graphically elaborates on networks worldwide, activities per year, and many other useful data.

That makes it suitable for managing and showcasing my research and my connections, and it helps other researchers find me and view my research in seconds - I use the network map and visualisations almost every day.”

Prof. Yong Sik Ok,
Korea University

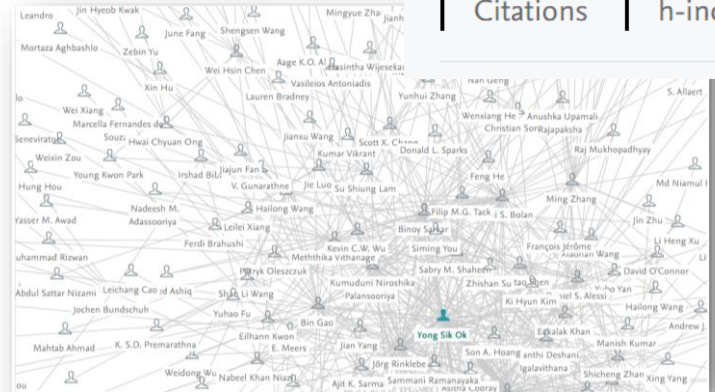


Yong Sik Ok
 Director, APRU Sustainable Waste Management, Professor
 Division of Environmental Science and Ecological Engineering
 * Highly Cited Researcher
 https://orcid.org/0000-0003-3401-0912

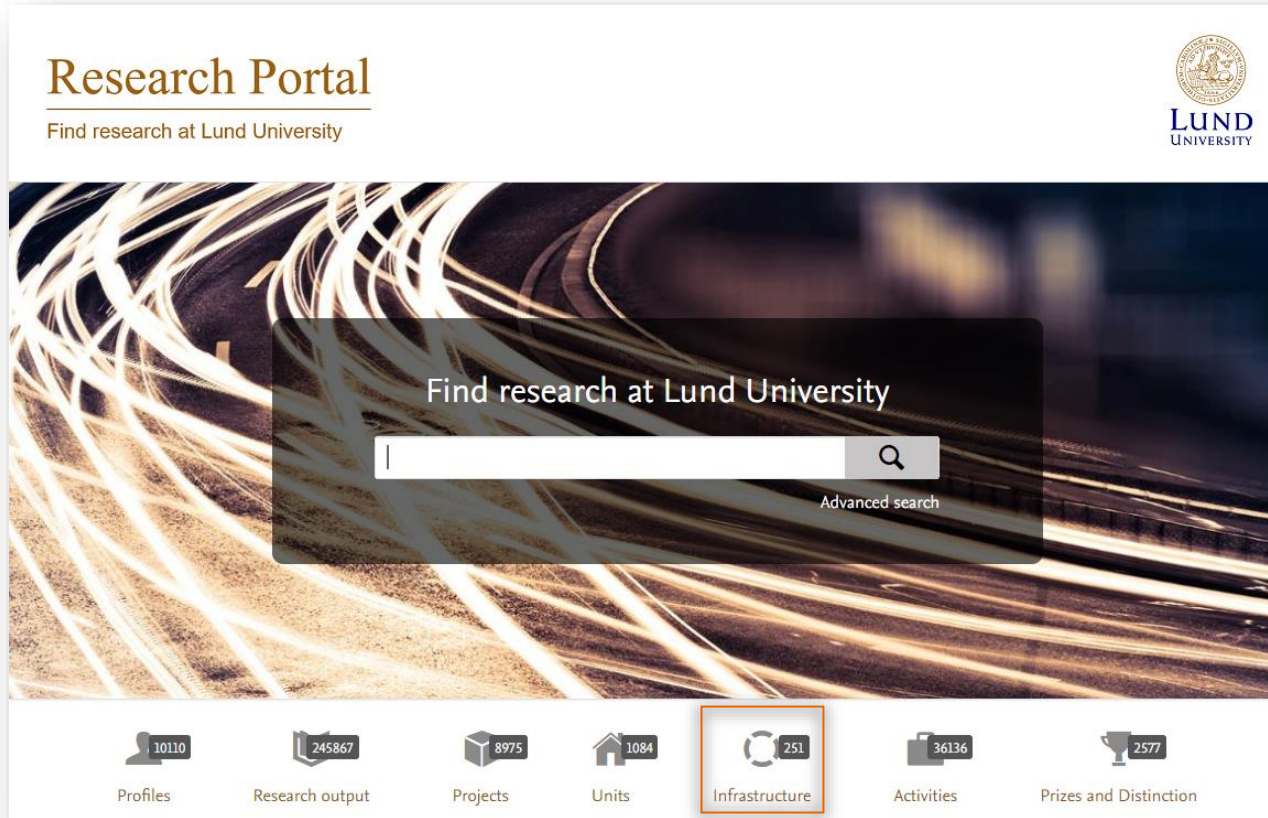
Email
 yongsikok@korea.ac.kr

h-index

61933	129
Citations	h-index



Increase the Institution's Infrastructure visibility



The screenshot shows the Lund University Research Portal homepage. At the top left, the text "Research Portal" is displayed in a large, brown serif font, with "Find research at Lund University" underneath in a smaller, grey sans-serif font. To the right is the Lund University logo, which includes a circular seal and the text "LUND UNIVERSITY". The main content area features a dark background with a light-colored, abstract, glowing pattern of lines. A semi-transparent dark grey search box is centered, containing the text "Find research at Lund University", a search input field, a magnifying glass icon, and the text "Advanced search". At the bottom, a navigation bar contains seven items, each with an icon and a count: Profiles (10110), Research output (245867), Projects (8975), Units (1084), Infrastructure (251), Activities (36136), and Prizes and Distinction (2577). The "Infrastructure" item is highlighted with an orange border.

Research Portal

Find research at Lund University

LUND UNIVERSITY

Find research at Lund University

Advanced search

Category	Count
Profiles	10110
Research output	245867
Projects	8975
Units	1084
Infrastructure	251
Activities	36136
Prizes and Distinction	2577


<https://portal.research.lu.se/>

Research Portal

Find research at Lund University



Home Profiles Research output Projects Units **Infrastructure** ...


Search... 

ACTRIS Sweden (Aerosols, Clouds, and Trace gases Research Infrastructure)

Erik Swietlicki (Manager)

Department of Physics

Infrastructure


 Projects

2

Active

15

Finished

 Overview  Projects (17)

17 results

Status, start date (descending)

Infrastructure Details

Acronym

ACTRIS Sweden

Contact information

Name Erik SwietlickiAdam
KristenssonErik Ahlberg

Links External website, Website,
Unspecified

Increasing the funders visibility

The screenshot shows the NSF TIP website. At the top left is the NSF logo with the text "National Science Foundation WHERE DISCOVERIES BEGIN". Below this is a search bar with the text "Discover NSF TIP Award Collaborators and Their Res...". To the right of the search bar is a "C" icon and the word "Advanced". Below the search bar is a dark blue banner with white text: "The U.S. National Science Foundation's Directorate for Technology, Innovation and Partnerships, or TIP, is committed to fostering innovation and technology ecosystems." At the bottom of the page is a navigation menu with five items: "Awards" (1942), "Programs & States" (1595), "Investigators" (3061), "Research output" (41418), and "Press/N".

*Not live yet

- Directorate for Technology, Innovation, & Partnerships
 - Accelerating Research Translation (ART)
 - America's Seed Fund
 - Convergence Accelerator (CA)
 - Enabling Partnerships to Increase Innovation Capacity (EPIIC)
 - Entrepreneurial Fellows
 - Experiential Learning for Emerging and Novel Technologies (ExL)
 - Innovation Corps (I-Corps™)
 - Partnerships for Innovation (PFI)
 - Pathways to Enable Open-Source Ecosystems (POSE)
 - Prototype Open Knowledge Networks (Proto-OKN)
 - Regional Innovation Engines (RIE)
 - Special Projects
- United States of America
 - Alabama
 - Alaska
 - Arizona
 - Arkansas
 - California
 - Colorado
 - Connecticut
 - Delaware
 - District of Columbia
 - Florida
 - Georgia
 - Hawaii
 - Idaho
 - Illinois
 - Indiana
 - Iowa
 - Kansas
 - Kentucky

National community research portal! (also supporting Hebrew & Arabic)



CRISrael
Israeli Research Gateway

Initial and partial version

Help & FAQ

Home Profiles Research units Research output

Israeli academia in the service of knowledge preservation, creation and innovation

All content Search by expertise, name or affiliation

אוניברסיטת אריאל
בשומרון
ARIEL UNIVERSITY

אוניברסיטת בר-אילן
Bar-Ilan University

אוניברסיטת בן-גוריון בנגב
Ben-Gurion University of the Negev

אוניברסיטת חיפה
University of Haifa

האוניברסיטה הפתוחה
THE OPEN UNIVERSITY



<https://cris.iucc.ac.il/>

The Open Access Landscape

- Large increase in number of OA policies adopted by funders
- Much bigger range of requirements and criteria to monitor for research organizations
- More things to consider and increased complexity when calculating compliance
 - What to do?

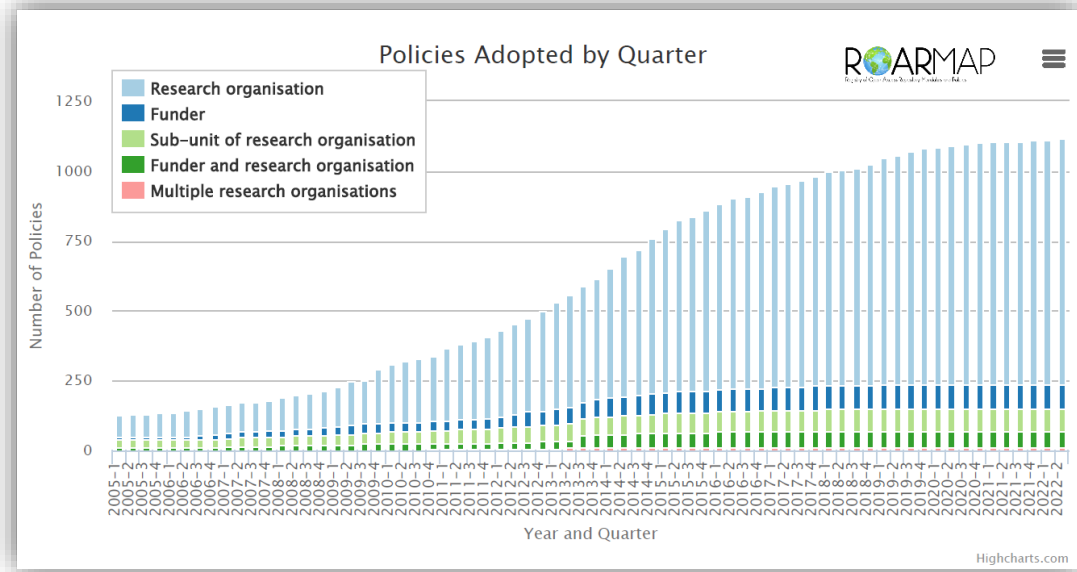


Different country different policy

- Similar requirements globally
 - e.g. UKRI, OSTP, NHMRC, PlanS, OpenAire, ...
- Two main aspects:
 - Make research open/accessible
 - Specific requirements about metadata
- Lack of clarity in tracking compliance
 - Funder policies increased from 19 in 2005 to 142 to 2022

Challenge: Know your requirements

- Monitor funder policies and requirements
- Facilitate discovery of requirements
- Link to policies
- Maintain up-to-date policy information and data model



<https://roarmap.eprints.org>

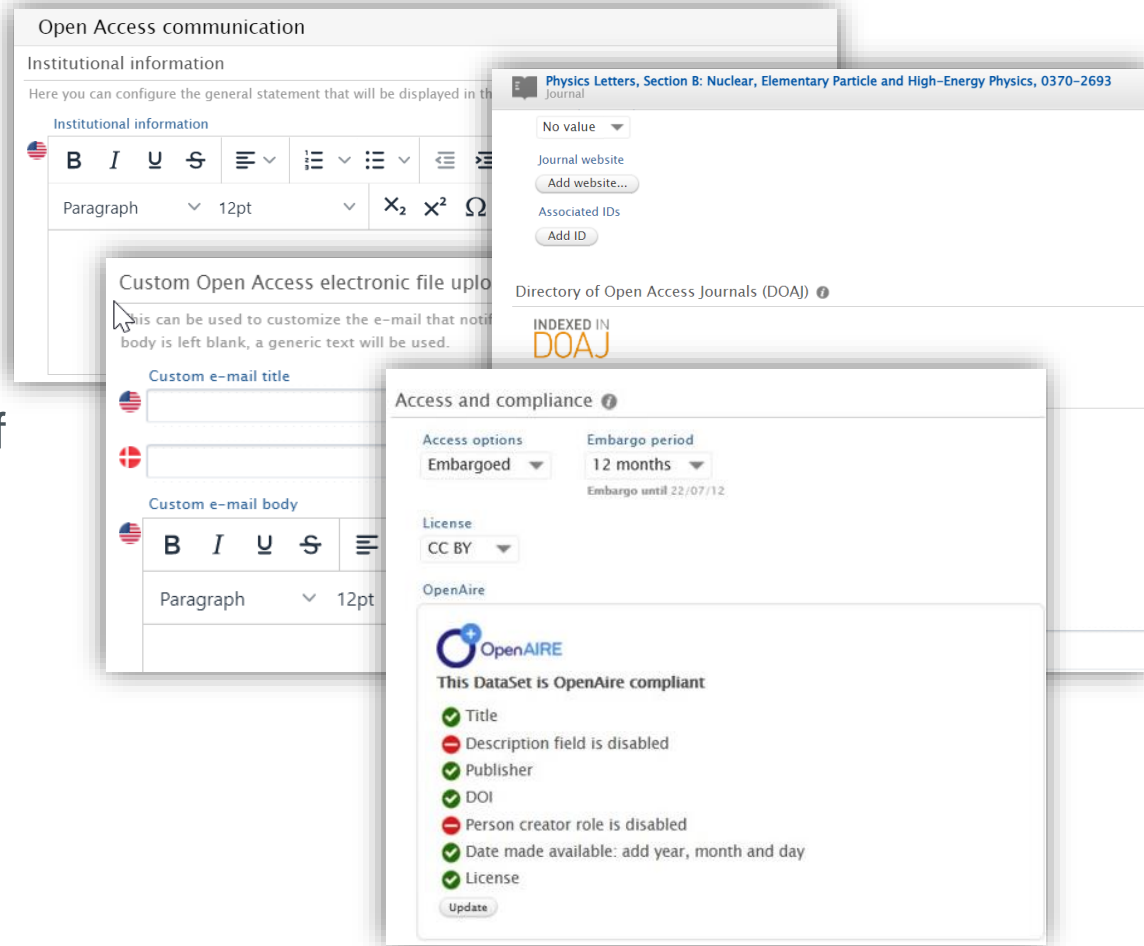
Are we OA fully compliant?

- Heading in the right direction...
 - Many OA- related features
 - Expanded Data model
- But not quite...
 - Identify gaps and understand changes/new policies quickly and effectively



Open Access and guidance in Pure

- OA Guidance section
- OA reminders and notifications
 - e.g. upload electronic version
- Monitoring and guidance of OA status via DOAJ and Sherpa/Romeo
- Dataset compliance (Openaire)



Open Access communication

Institutional information
Here you can configure the general statement that will be displayed in the Open Access communication.

Institutional information

Paragraph 12pt

Custom Open Access electronic file upload
This can be used to customize the e-mail that notifies you when a new version of your article is uploaded. If the body is left blank, a generic text will be used.

Custom e-mail title

Custom e-mail body

Paragraph 12pt

Access and compliance

Access options
Embargoed

Embargo period
12 months
Embargo until 22/07/12

License
CC BY

OpenAire

OpenAire
This DataSet is OpenAire compliant

- ✓ Title
- ✗ Description field is disabled
- ✓ Publisher
- ✓ DOI
- ✗ Person creator role is disabled
- ✓ Date made available: add year, month and day
- ✓ License

Update

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 0370-2693
Journal

No value

Journal website
Add website...

Associated IDs
Add ID

Directory of Open Access Journals (DOAJ)

INDEXED IN DOAJ

How do we demonstrate
compliance?

How can we be 'objective'?



Compliance on metadata

- Need for standard data formats and metadata structure

HOW?

- Support for OAI-PMH
 - Selected (standard) data formats
 - which ones?
- Maintain (and check) compliance
 - OA compliance online tools





ELSEVIER

Thank you!

