



Digital Repository of Ireland
Taisclann Dhigiteach na hÉireann

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An Roinn Post, Fiontar agus Nuálaíochta
Department of Jobs, Enterprise and Innovation



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HEA

Higher Education Authority
An tÚdarás um Ard-Oideachas



EUROPEAN REGIONAL
DEVELOPMENT FUND

Why is OA important (1)

High-level principled argument

Results of publicly funded research should be publicly available

OA enables research findings to be shared with the wider public, creating a knowledge economy with better informed citizens

OA enhances knowledge transfer to sectors that can directly use knowledge to produce better goods and services



Why is OA important (2)

Practice-based pragmatic argument

Improves research efficiency

Enables reuse of research outputs

Provides the basis for better research monitoring and evaluation

Preservation of research outputs ensures our cultural heritage is protected and curated

Scientific outputs are kept in formats that ensures they are permanently usable and accessible



National Steering Committee on Open Access Policy

“Coordinate activities and combine expertise at a national level to promote unrestricted, online access to outputs which result from research that is wholly or partially funded by the State”

National Membership

Funders: HRB, SFI, HEA, IRC, Teagasc, Marine Institute, DAFM, and EPA

Researchers: IUA, HSE, IOTI, DIT, WIT, RCSI

Library and Repository: CONUL, IUALG, Digital Repository of Ireland (DRI), RIAN

Phased Approach

1. Broaden infrastructure coverage beyond universities
2. Increase number of publicly funded publications made available
3. Use OA to develop a national picture – funding acknowledgements & value-added metrics
4. Promote OA to underlying research data and materials
5. Develop sustainable long-term solutions



National Principles for OA Policy Statement

Reaffirm:

- Freedom of researchers
- Increase visibility and access
- Support international interoperability, link to teaching and learning, and Open Innovation

Defining Research Outputs

“include peer-reviewed publications, research data and other research artefacts which feed the research process”

General principles (1)

All researchers to have deposit rights for in an OA repository

Deposit:

- post-prints/ publishers version & metadata
- peer-reviewed journal articles and conference publications. Others where possible
- at time of acceptance for publication
- in compliance with national metadata standards

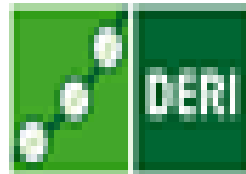
General principles (2)

Release:

- immediate for meta-data
- Respect publishers copyright, licencing and embargos (not normally exceeding 6/12 months)
- Green route policy – not exclusive
- Suitable repositories
- Research data linked to publications



Signatories



High-level principles

Infrastructure and sustainability

- *Depositing once, harvesting, interoperability and long-term preservation*

Advocacy and coordination

- *Mechanisms for and monitoring of implementation, awareness raising and engagement for ALL*

Exploiting Open Access

- *Preparing metadata and national value-added metrics*

An Evolving Agenda

Leadership – demonstrate engagement with issues, raise awareness and compliance

Infrastructure – access for all and national picture

Clarity - costs of implementation, copyright

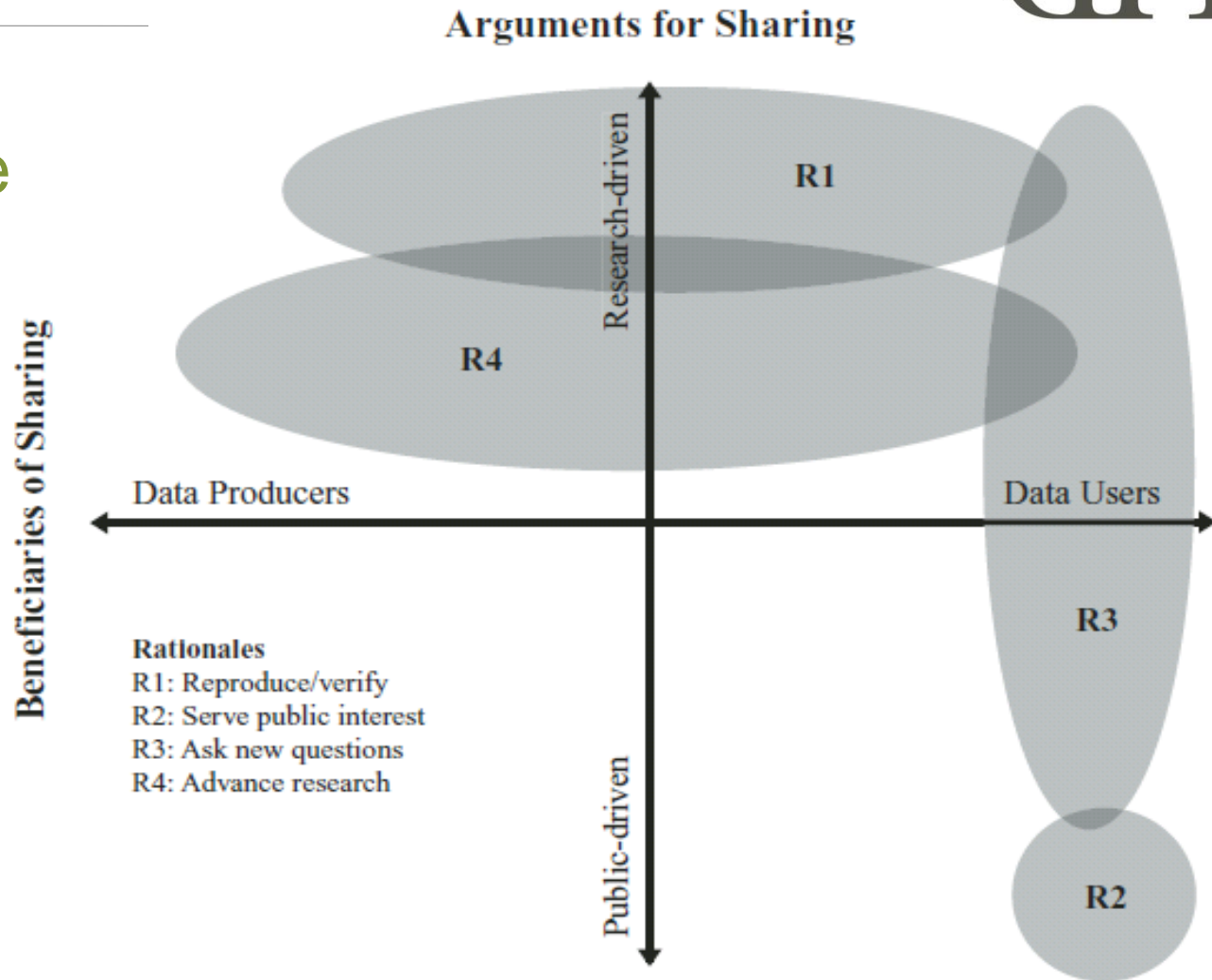
Use – recognise intrinsic value of research, impacts and metrics

Research data

What is Data?

...digital manifestations of literature (including text, sound, still images, moving images, models, games, or simulations), it refers as well to forms of data and databases that generally require the assistance of computational machinery and software in order to be useful, such as various types of laboratory data including spectrographic, genomic sequencing, and electron microscopy data; observational data, such as remote sensing, geospatial, and socioeconomic data; and other forms of data either generated or compiled, by humans or machines.

Rationale



Reasons for Not Sharing

Lack of credit, citation

Labour involved

Risk of misuse or misinterpretation

Control of IP, copyright

Data protection (humans, endangered species)

Lack of demand

Lack of incentive in career progression, funding

Change Practice

Peer reviewed data plans in grants

Allowable costs

Data citation, PIDs

Metrics for career progression, funding

Training

Sustained e-infrastructure

Copyright, IPR, licensing, data protection, embargoes

Policy, Services, Systems → Practice

Sustained e-Infrastructure

Need for sustained infrastructures & skills

Steer towards re-use, growth, coordination,
interoperability, integration

Trusted digital repositories

- Data Seal of Approval



Digital Preservation

Active Management for access to digital content

Policies + strategies + actions =
access to reformatted and born digital content –
regardless of digital obsolescence

Goal: accurate rendering of authenticated content
over time



Sharing & Combining Data

Enables meta-analysis: mining & integration of multiple data sources

Knowledge discovery

Common data structures

Metadata formats

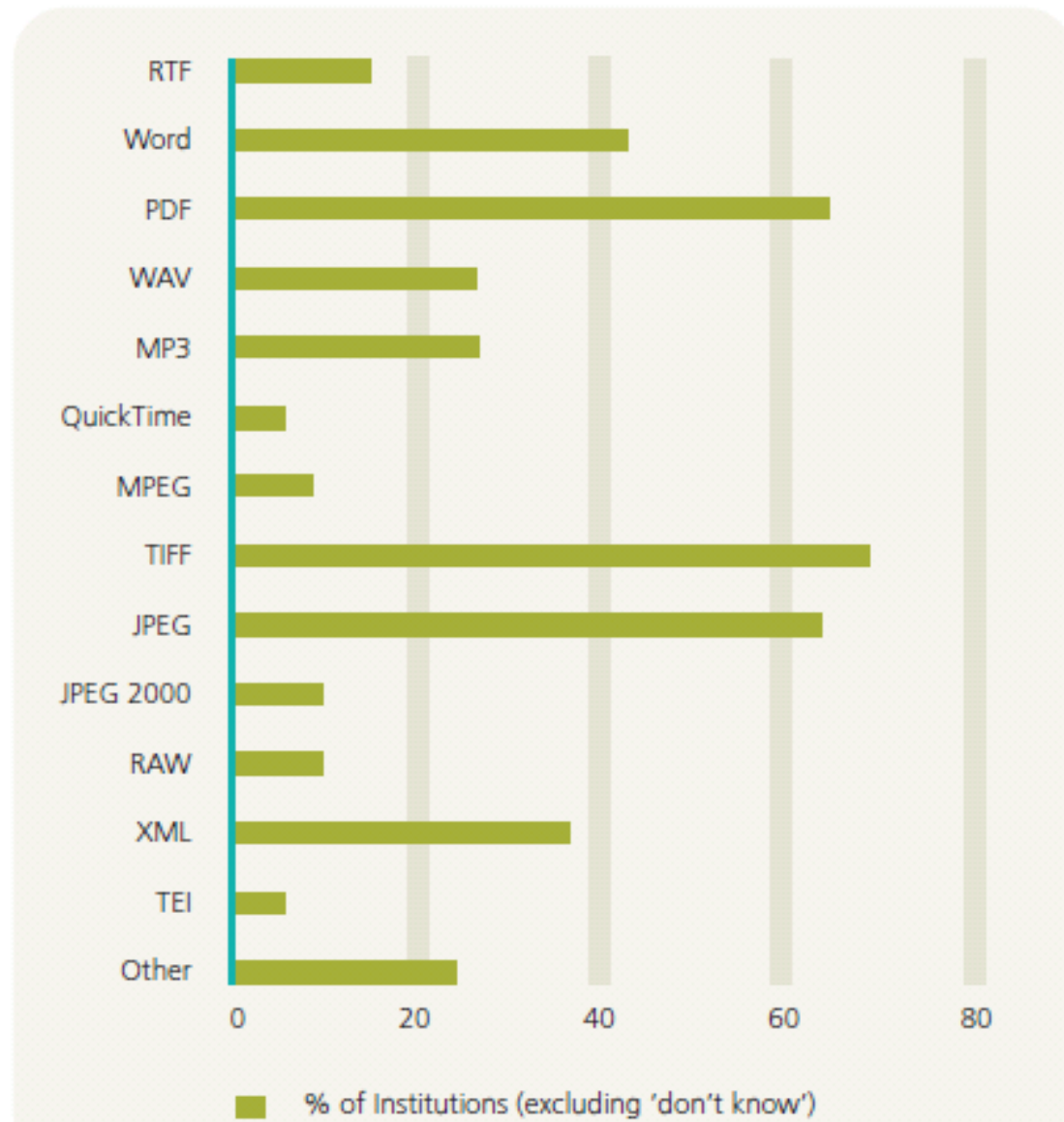
Ontologies

Linked data

Formats

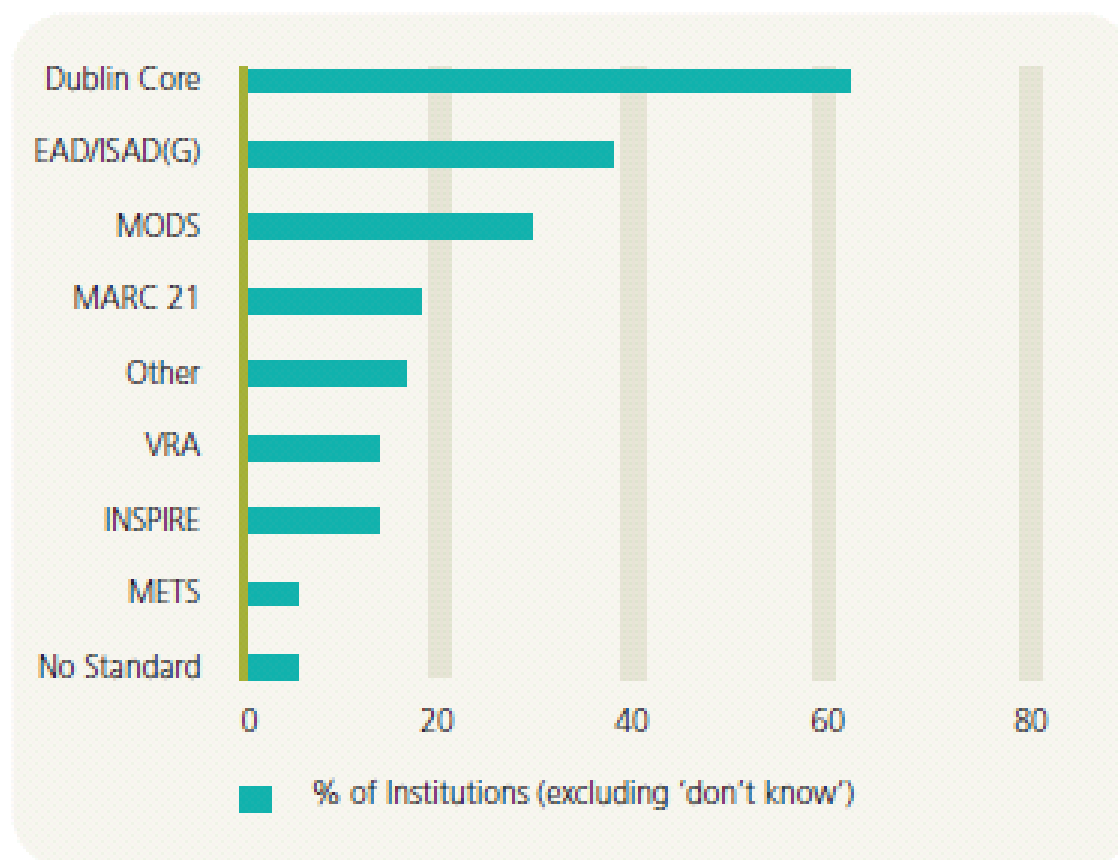


Fig. 4: Formats used by institutions



Metadata

Fig. 5: Metadata standards



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Minister Sherlock acknowledges Ireland's Digital Archiving strengths

Posted: October 26, 2012

Press release from the Department of Jobs, Enterprise & Innovation. [original link](#)

Minister Sherlock acknowledges Ireland's Digital Archiving strengths

'Digital Repository of Ireland is a champion of digital innovation in Ireland with a multitude of applicable uses for societal and economic development internationally' - Sherlock



News

Minister Sherlock acknowledges Ireland's Digital Archiving strengths

Press release from the Department of Jobs, Enterprise & Innovation. 26.10.2012 'Digital Repository of Ireland is a champion of digital innovation...'

[Read more](#)

Pictures from #RODH2012 Day 1 posted

Pictures of Minister Sherlock's visit to Day 1 of our conference (at Croke Park) are now in an album on our Facebook page. Tags and more pics coming soon...

[Read more](#)

Live Video Streaming of Conference

We have confirmation that we will be live streaming our talks for the conference. HEAnet is doing the filming and hosting the feed at http://flashhost.heanet.ie/digital_humanities/. Join us virtually if you can't join us in person!

[Read more](#)

Events

Realising the Opportunities of Digital Humanities